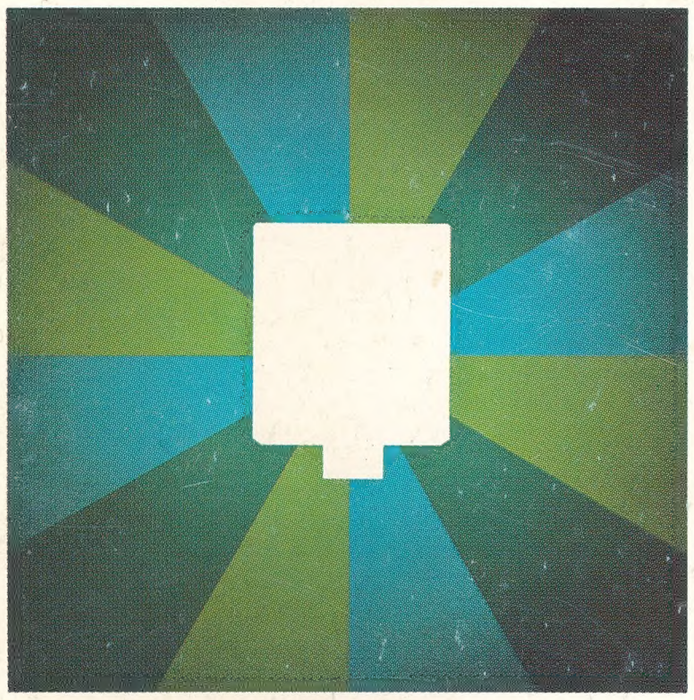
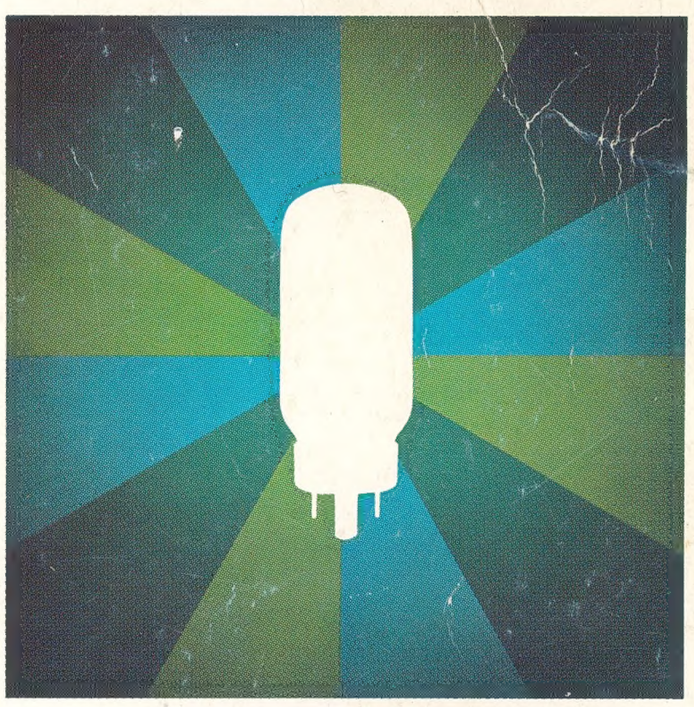
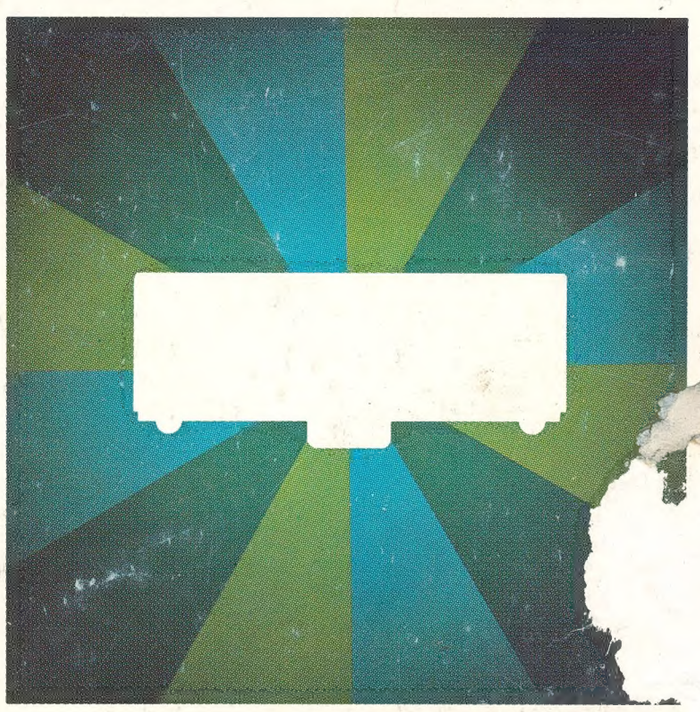
SYLVANIA

photolamps







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the flashbulb with sure-shot features

Blue Dot.

Tough, color-corrected safety coating contains MM59 to neutralize lacquer odor.

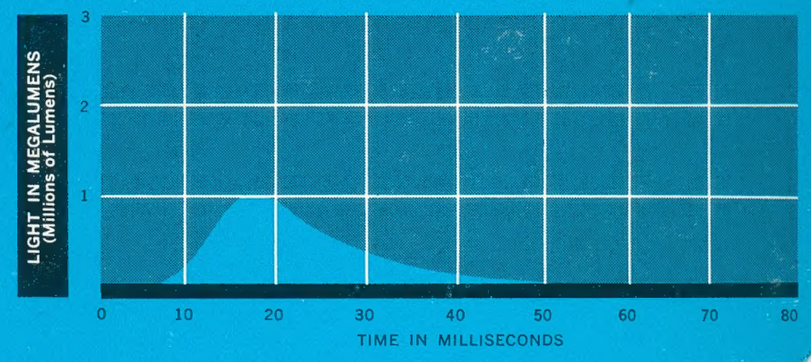
Evenly-distributed combustible filler assures consistent peak light output and synchronization.

Primer-coated super-sensitive filament assures firing even with weak batteries.

One-piece aluminum base gives perfect seating, assures perfect electrical contact.

Positive trouble-free positioning in flash reflector.

High Bolivian tin content in base-solder resists corrosion, eliminates burnishing or moistening—assures positive electrical contact.



Here's how lamp ranges stack up:
Up to 8,000 lumens—Short range
8,000-30,000 lumens—Medium range
30,000-60,000 lumens—Long range
Over 60,000 lumens—Extra-long range

Graphlike diagrams next to the flashbulbs tell at a glance 3 key facts about the specific flashbulbs in terms of light intensity (Lumens):

1. How rapidly the lamp reaches its peak intensity (indicates correct synchronization).
2. How much light output is obtainable.
3. How long the bulb remains at or near its peak (determines most effective shutter speeds).

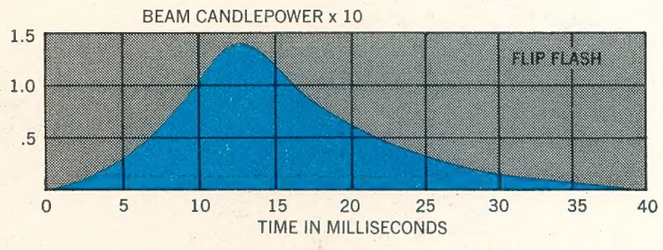
Each chart shows simple plottings of the intensity of flash for both clear and blue bulbs. The amount of intensity is measured in "Millions of Lumens." The time interval is in "Milliseconds" (a millisecond is 1/1000th of a second).

Note: Flashcubes are not measured in Lumens, but in a unit of light measurement called B.C.P.S. which stands for **BEAM CANDLE POWER SECONDS.** Whenever a reflector is used as an integral part of a lamp, it is more meaningful and accurate to rate it in B.C.P.S. than Lumens. A lumen unit is used to describe a light source where light is going off in all directions. In the Flashcube, where the reflector is part of the light source and the light is directional, we are only interested in the actual candle power reaching the subject. Hence, B.C.P.S.—Beam Candle Power Seconds.

Clear or blue, all Sylvania flashbulbs are coated with a thin, tough film of lacquer as a protection against breaking or shattering. For clear bulbs, the coating is optically clear, will not affect color balance even when used with the most critical color films for artificial light. On Sylvania blue flashbulbs, the coating is carefully color corrected and balanced under the most rigid laboratory conditions. This provides maximum fidelity when used with daylight color films. When used with black and white films the coating has little or no effect on the exposure due to the characteristics in latitude of the film itself.

sylvania blue dot flashbulb base types

SYLVANIA blue dot™ flip flash



flip flash

The newest flash for the newest way to take pictures. You take eight flash pictures without changing the unit. You simply shoot four, flip the flash unit and shoot four more. When each picture is snapped, a tiny piezo-electric ceramic cube in the camera causes the flash to fire. Then the circuit automatically closes to set up the next lamp for firing. Flip Flash's built-in height minimizes the occurrence of red-eye without the need for a separate flash extender. Blue circles on back of the flash unit disappear when the flash has been fired, making it easy to see the number of unused flashes remaining. Fits any Flip Flash camera.

Synchronization: Fine for X or F synchronization with adjustable cameras up to 1/30th sec.

Light Output: 1,800 beam candlepower seconds. Peaks at 13 milliseconds.

Easy to Use: Pops onto camera in an instant. Pops off easily and is barely warm to the touch. Plastic window provides additional protection against breakage, and offers built-in flashguard for every shot.

New Base Contact Tab: Assures a snug fit in specially designed camera sockets and has silver contacts to provide good contact reliability.

Type	Class	Approx. Total Light Output-Beam Candle-power Seconds	Approx. Time To Peak (Milli-Seconds)	Approx. Duration At ½ Peak (Milli-Seconds)	Approx. Peak Beam Candle-power	Min. Voltage	Approx. Color Tem-perature	Shape	Face Width (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
Flip Flash	MF	1,800	13	10	140,000	1,800	5500°K	Vertical Array	1¾	5½	Contact Tab	1 Unit 8 Flashes	12 Units 96 Flashes	Flip Flash

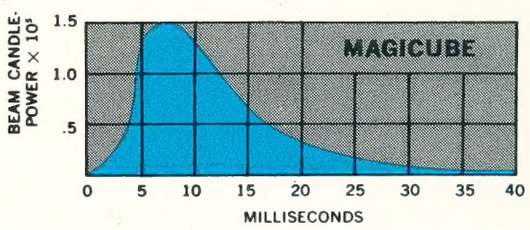
SYLVANIA

blue dot™ magicube

Sylvania re-invented the Flashcube and came up with a 4-flash photolamp that works like magic, without batteries. What's the "trick"? Magicube operates mechanically, by means of a striker in the base of the cube. The striker triggers the flash. No vibration is transmitted to the camera.

Never again will there be flash failures because of weak batteries or poor electrical contacts. Magicube is truly a revolution in flashbulb technology.

Magicube is designed to be used with Kodak Pocket Instamatics, Series X and other Magicube cameras.



magicube

The unique Magicube requires no batteries. It is fired mechanically, not electrically. Each flash is automatically triggered by a striker when it is released from its mounting in the base of the Magicube. No vibration is transmitted to the camera. The Magicube is for use with Kodak Series X, 110 series and other Magicube cameras only. The Sylvania Magicube, like the Sylvania Blue Dot Flashcube, is four miniature blue lamps (smaller than an AG-1) and four reflectors enclosed in one plastic cube.

Synchronization: Fine for X or F synchronization with adjustable cameras up to 1/30th sec.

Light Output: 2,000 beam candle power seconds. Peaks at 7 milliseconds.

Easy to Use: Pops onto camera or adapter in an instant. Pops off easily and is barely warm to the touch. Plastic window on cube provides additional protection against breakage, and offers built-in flashguard for every shot.

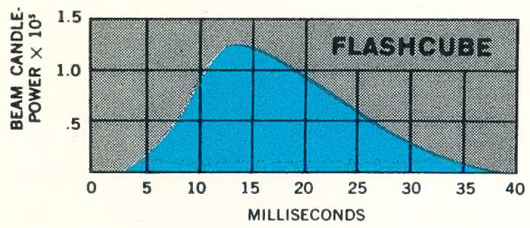
New Positive-Latching Base: The base provides a more secure fit to camera. No pins or prongs that can be bent out of shape to cause misfiring.

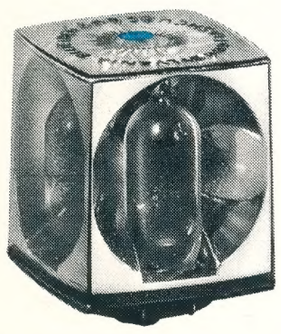
Type	Class	Approx. Total Light Output-Beam Candle-power Seconds	Approx. Time To Peak (Milli-Seconds)	Approx. Duration At ½ Peak (Milli-Seconds)	Approx. Peak Beam Candle-power	Voltage Range for Operation	Approx. Color Tem-perature	Shape	Face Width (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
Magicube	MF	2,000	7	10	150,000	No voltage required	5500°K	Cube	1 7/32	1 19/32	Plastic	3 cubes 12 flashes	72 cubes 288 flashes	Magicube

SYLVANIA

blue dot™ flashcube

Flashcube—Sylvania's remarkable photolamp that simplified picture-taking for amateur photographers everywhere. Each sealed cube contains 4 tiny, high-quality flashbulbs and reflectors which take 4 flash pictures without changing bulbs. Flashcube is designed to fit flashcube-model cameras and adapters. The flashcube works both indoors and out, with color or black-and-white film. With picture-taking made so easy, no wonder Flashcube created a new breed of camera buffs!





flashcube

Lets you take 4 flash pictures without changing bulbs by mere rotation (automatically).* You are always ready for the next shot. It's a revolution in flash picture-taking convenience and ease. The Sylvania Blue Dot Flashcube is four miniature blue lamps (smaller than an AG-1) and four reflectors enclosed in one plastic cube.

*With all automatic cameras.

Synchronization: Fine for X or F synchronization with adjustable cameras up to 1/30th sec. May be used for M synchronization at all shutter speeds.

Light Output: 2,000 beam candle power seconds. Peaks at 13 milliseconds.

Easy to Use: Pops onto camera or adapter in an instant. Pops off easily; manually or by ejection, and is barely warm to the touch. Plastic window on cube provides additional protection against breakage, and offers built-in flashguard for every shot.

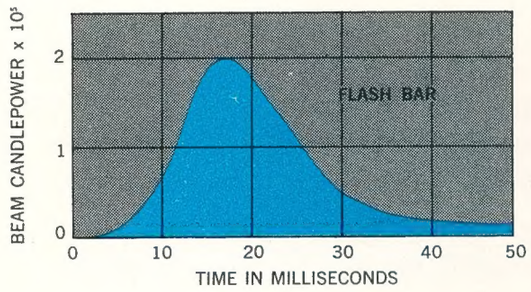
New Positive Base: Self-cleaning "wipe" contact prevents missed shots. Contacts are rugged and not easily bent.

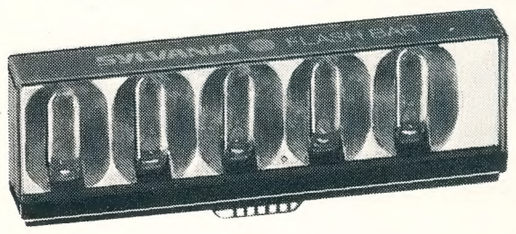
Type	Class	Approx. Total Light Output-Beam Candle-power Seconds	Approx. Time To Peak (Milli-Seconds)	Approx. Duration At ½ Peak (Milli-Seconds)	Approx. Peak Beam Candle-power	Voltage Range for Operation	Approx. Color Tem-perature	Shape	Face Width (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
Flashcube	MF	2,000	13	15	130,000	3-45	5500°K	Cube	1⅛	1 11/32	Plastic	3 Cubes 12 Flashes	36 Cubes 144 Flashes	Flashcube

SYLVANIA
blue dot™

flash bar

BLUE DOT QUALITY CUBES
SYLVANIA BLUE DOT
Flash Bar
10 GUARANTEED FLASHES WITH FLASH INDICATORS
FOR USE WITH FLASH BAR CAMERAS
10 GUARANTEED FLASHES





flash bar

Lets you take ten flash shots simply and quickly. After the first five shots, the bar is removed, turned around and replugged into the camera socket with five fresh bulbs. The unique blue dot indicators at the top of each Flash Bar tell you at a glance how many sure shots remain. Partially used bars may be removed from the camera and reinserted without a lost shot. High light output coupled with a good beam spread provides uniform exposure. For use with the new Polaroid SX-70 Land Camera and Keystone 750 Rapid Flash.

Light Output: 3600 beam candle power seconds. Peaks at 17 milliseconds.

New Base Contact Tab: Assures a snug fit in specially designed camera sockets and has silver contacts to provide good contact reliability.

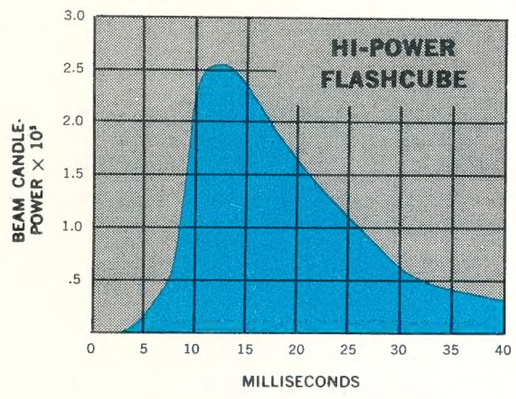
Type	Class	Approx. Total Light Output-Beam Candle-power Seconds	Approx. Time To Peak (Milli-Seconds)	Approx. Duration At ½ Peak (Milli-Seconds)	Approx. Peak Beam Candle-power	Voltage Range for Operation	Approx. Color Tem-perature	Shape	Face Width (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
Flash Bar	M	3,600	17	14	200,000	3-45	5500°K	Linear Array	4¼	1 11/16	Contact Tab	1 Bar 10 Flashes	12 Bars 120 Flashes	Flash Bar

SYLVANIA
blue dot™

hi-power flashcube

Brilliant idea! Polaroid's developed a line of focused flash cameras to make Hi-Power Flashcubes work, electrically. Now, your customers can take clear, sharp close-ups—as close as 3½ feet from the subject. Or clear, sharp color pictures up to 10 feet from the subject—ranges never before possible with instant developing cameras.

It's all automatic! As the user focuses the camera, shield louvers in the focused flash system adjust to the proper distances. Sylvania's Hi-Power Flashcubes have more than twice the light output of ordinary flashcubes so color pictures are brilliantly lighted even at a range of 10 feet.



hi-power flashcube

All the ease and convenience of taking four flash pictures without changing bulbs is now combined with improved uniformity, wider beam spread and far greater light output. The greater coverage provided by the wider beam spread, along with the higher light output, tends to eliminate underexposure problems and provides depth characteristics that satisfy both old and new cameras.

Synchronization: Fine for X or F synchronization with adjustable cameras up to 1/30th sec. May be used for M synchronization at all shutter speeds.

Light Output: 4,000 beam candle power seconds. Peaks at 12 milliseconds.

Easy to Use: Pops onto camera or adapter in an instant. Pops off easily; manually or by ejection, and is barely warm to the touch. Plastic window on cube provides additional protection against breakage, and offers built-in flashguard for every shot.

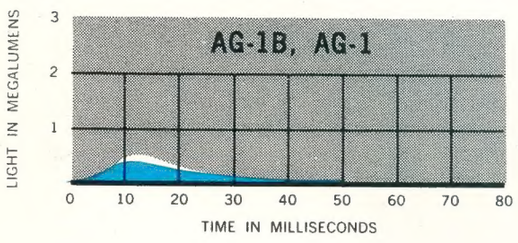
New Base Design: Assures a secure fit yet is flexible enough to use on both old or new cameras. Virtually eliminates missed shots.

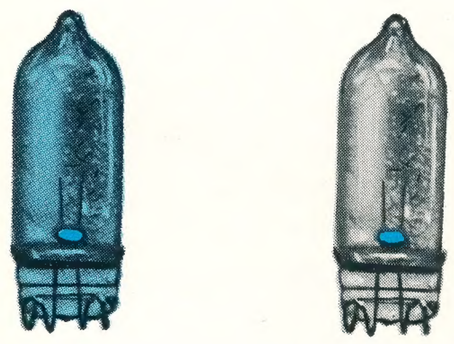
Type	Class	Approx. Total Light Output-Beam Candle-power Seconds	Approx. Time To Peak (Milli-Seconds)	Approx. Duration At ½ Peak (Milli-Seconds)	Approx. Peak Beam Candle-power	Voltage Range for Operation	Approx. Color Tem-perature	Shape	Face Width (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
Hi Power Flashcube	MF	4,000	12	15	230,000	3-45	5500°K	Cube	1 7/32	1 7/16	Plastic	2 Cubes 8 Flashes	48 Cubes 192 Flashes	Hi Power Cube

SYLVANIA
blue dot ™

AG-1 & AG-1B

The AG-1 and AG-1B flashbulbs are small, compact and easy to carry. Excellent for use with simple box cameras and many late model focal plane cameras.





sylvania AG-1B flashbulb

The blue-coated version of this sub-miniature flashbulb; color-corrected for use with Daylight-type color films, indoors or out.

Synchronization: Excellent with simple box cameras. Fine for X or F synchronization with adjustable cameras up to 1/60 second. May be used for M synchronization at all shutter speeds. May also be used with many late model focal plane cameras.

Light Output: 5,300 lumen seconds. Peaks at 12 milliseconds. A short range lamp.

Base: Glass groove.

Reflector: For maximum light output, use a 2″ polished reflector or reflector-adapter.

sylvania AG-1 flashbulb

Small as a peanut. Almost 100 can fit easily in an average jacket pocket.

Synchronization: Excellent with simple box cameras. Fine for X or F synchronization with adjustable cameras up to 1/60 second. May be used for M synchronization at all shutter speeds. May also be used with many late model focal plane cameras.

Light Output: 7,200 lumen seconds. Peaks at 12 milliseconds. A short range lamp.

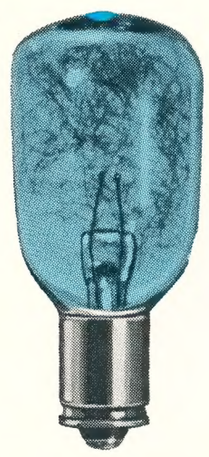
Base: Glass groove.

Reflector: For maximum light output, use a 2″ polished reflector or reflector-adapter.

Type	Class	Approx. Total Light Output (Lumen Seconds)	Approx. Time To Peak (Milli-seconds)	Approx. Duration At ½ Peak (Milli-seconds)	Approx. Peak Lumens	Voltage Range for Operation	Approx. Color Tem-perature	Bulb Shape	Bulb Diam. (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
AG-1B	MF	5,300	12	15	250,000	3-45	5500°K	T-3¾	15/32	1 5/16	Gl. Gr.	12	144	AG-1B
AG-1	MF	7,200	12	15	450,000	3-45	3800°K	T-3¾	15/32	1 5/16	Gl. Gr.	12	144	AG-1

SYLVANIA blue dot™ M-2B M-3 & M-3B

sylvania M-2B flashbulb



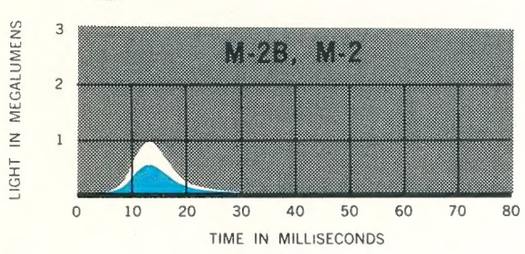
This tiny, powerful blue flashbulb is fully color-corrected for use with new high-speed Daylight-type color films and for fill-in lighting with all Daylight-type color films.

Synchronization: Excellent with simple box cameras. Fine for X or F synchronization with adjustable cameras up to 1/60 second.

Light Output: 4,400 lumen seconds. Peaks at 13 milliseconds. A short range lamp.

Base: Miniature pinless; miniature adapter fits it to midget-base reflectors.

Reflector: For maximum light output, use a 3" polished reflector.



sylvania M-3B flashbulb

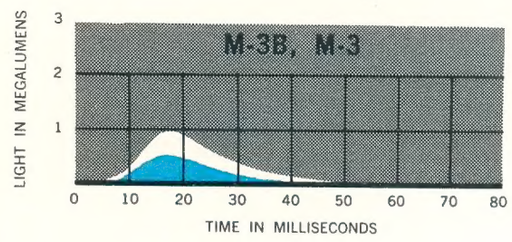
The blue-coated version of the M-3. This miniature blue flashbulb is color-corrected for use with daylight color film indoors or out, achieves greater picture depth and truer color than any regular miniature flashbulb.

Synchronization: Ideal for box-type cameras and class M shutters. Rapid initial rise and relatively flat output characteristics meet the requirements of most late model focal plane cameras.

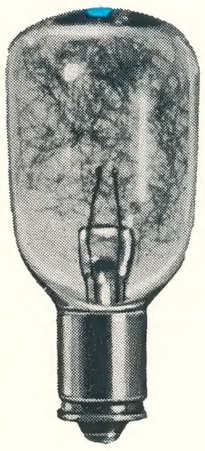
Light Output: 10,000 lumen seconds. Peaks at 17 milliseconds. A medium range lamp.

Base: Miniature pinless; miniature adapter fits it to midget-base reflectors.

Reflector: For maximum light output, use a 3" polished reflector.



sylvania M-3 flashbulb



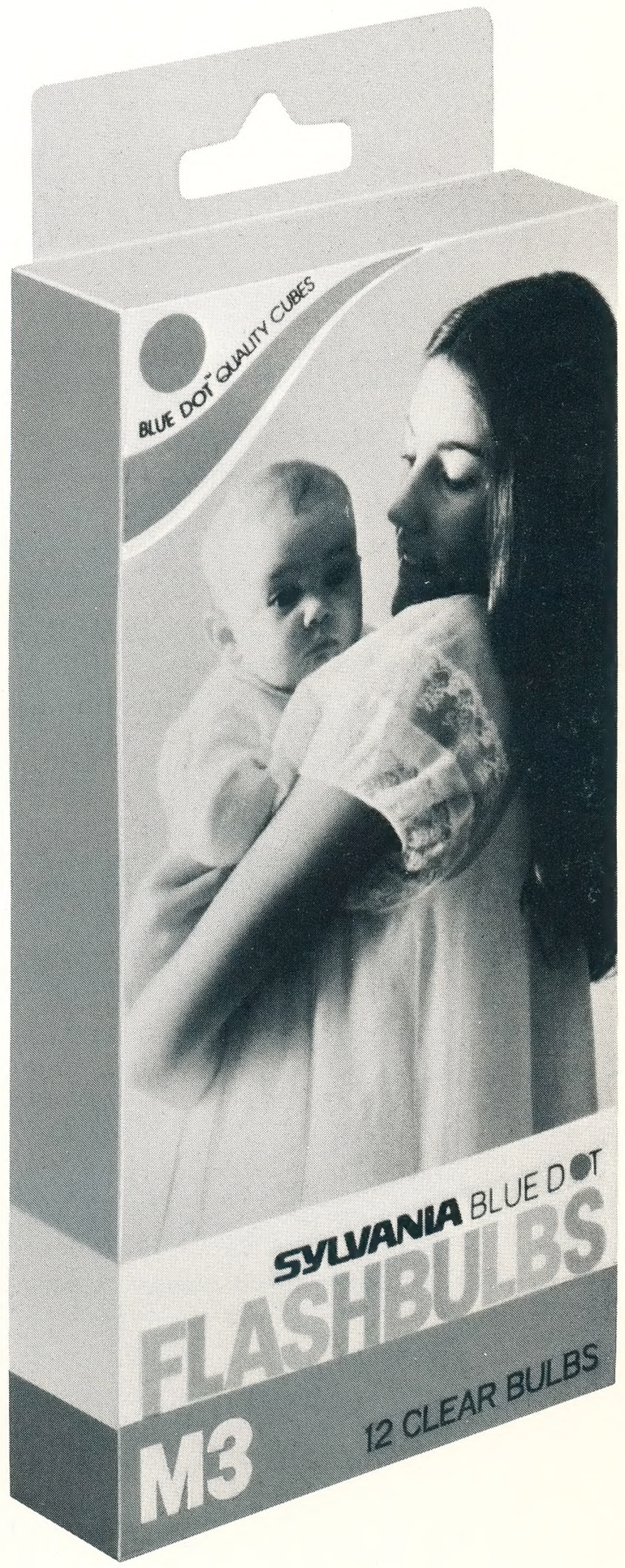
Zirconium-filled, this miniature flashbulb provides light output of a flashbulb four times larger.

Synchronization: Ideal for both class M shutters and simple box cameras. Rapid initial rise and relatively flat output characteristics meet requirements of most late model focal plane cameras.

Light Output: 16,000 lumen seconds. Peaks at 17 milliseconds. A medium range lamp.

Base: Miniature pinless; miniature adapter fits it to midget-base reflectors.

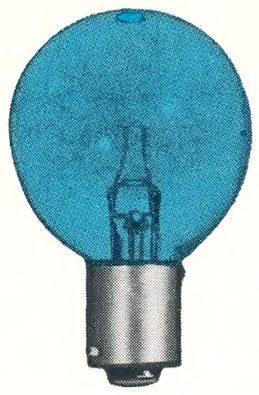
Reflector: For maximum light output, use a 3" polished reflector.



Type	Class	Approx. Total Light Output (Lumen Seconds)	Approx. Time To Peak (Milli-seconds)	Approx. Duration At ½ Peak (Milli-seconds)	Approx. Peak Lumens	Voltage Range for Operation	Approx. Color Tem-perature	Bulb Shape	Bulb Diam. (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
M-2B	MF	4,400	13	8.5	420,000	3-45	5500°K	T-6½	27/32	1 25/32	S.C. Min.	12	144	M-2B
M-3B	M	10,000	17	15	550,000	3-45	5500°K	T-6½	27/32	1 25/32	S.C. Min.	12	144	M-5B
M-3	M	16,000	17	15	1,000,000	3-45	3800°K	T-6½	27/32	1 25/32	S.C. Min.	12	144	M-5

SYLVANIA blue dot™ flashbulbs

sylvania press 25B flashbulb



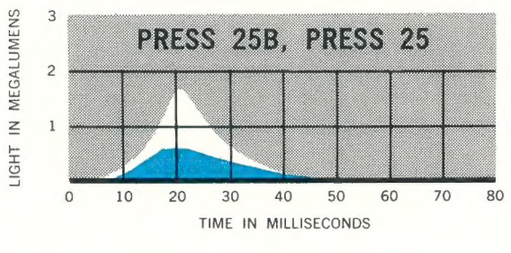
Most powerful blue midget flashbulb for Daylight-type color films. Popular among amateurs and professionals who prefer midget lamps.

Synchronization: M synchronization at all shutter speeds.

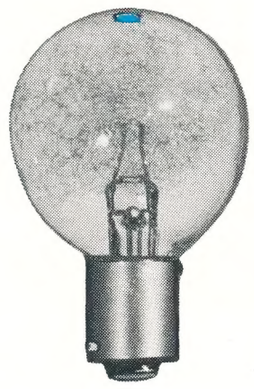
Light Output: 10,000 lumen seconds. Peaks at 20 milliseconds. A medium range lamp.

Base: Bayonet; midget adapter fits it to screw-base reflectors.

Reflector: For maximum light output, use a 4″-5″ polished reflector.



sylvania press 25 flashbulb



The most powerful midget flashbulb; first choice of press, commercial and leading amateur photographers.

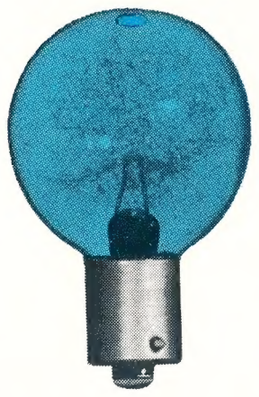
Synchronization: Ideal for M synchronization at all shutter speeds.

Light Output: 21,000 lumen seconds. Peaks at 20 milliseconds. A medium range lamp.

Base: Bayonet; midget adapter fits it to screw-base reflectors.

Reflector: For maximum light output, use a 4″-5″ polished reflector.

sylvania type FP-26B flashbulb



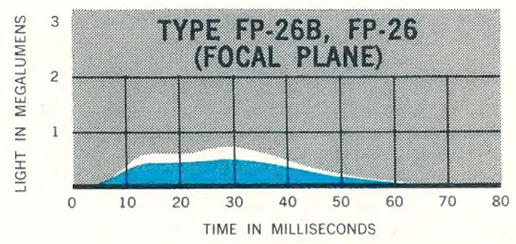
For the perfect combination of focal plane shutter and Daylight-type color film. This is a blue-coated version of the FP-26.

Synchronization: Focal plane only.

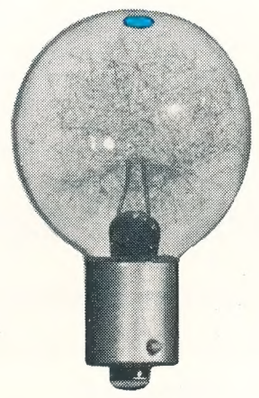
Light Output: 9,800 lumen seconds. Reaches substantial plateau at 11 milliseconds. A medium range lamp.

Base: Bayonet; midget adapter fits it to screw-base reflectors.

Reflector: For maximum light output, use a 4″-5″ polished reflector.



sylvania type FP-26 flashbulb



A powerful midget lamp, resembling the popular Press 25, but with an extra-long flash duration. For all focal plane cameras up to 4″ x 5″.

Synchronization: Focal plane only.

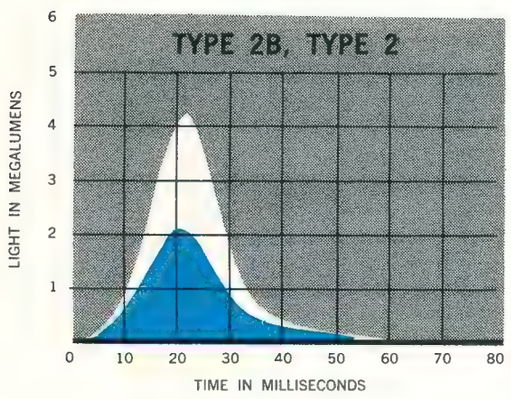
Light Output: 20,500 lumen seconds. Reaches substantial plateau at 11 milliseconds. A medium range lamp.

Base: Bayonet; midget adapter fits it to screw-base reflectors.

Reflector: For maximum light output, use a 4″-5″ polished reflector.

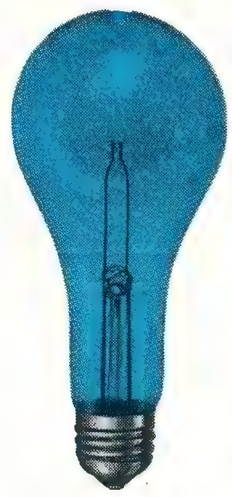
Type	Class	Approx. Total Light Output (Lumen Seconds)	Approx. Time To Peak (Milli-seconds)	Approx. Duration At ½ Peak (Milli-seconds)	Approx. Peak Lumens	Voltage Range for Operation	Approx. Color Tem-perature	Bulb Shape	Bulb Diam. (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
Press 25B	M	10,000	20	14	760,000	3-45	5500°K	B-12	1½	2⅝	S.C. Bay.	12	144	5B
FP-26B	FP	9,800	—	24	270,000*	3-45	5500°K	B-12	1½	2⅝	S.C. Bay	12	144	6B
Press 25	M	21,000	20	14	1,600,000	3-45	3800°K	B-12	1½	2⅝	S.C. Bay	12	144	5
Type FP-26	FP	20,500	—	24	600,000*	3-45	3800°K	B-12	1½	2⅝	S.C. Bay	12	144	6

SYLVANIA blue dot™ flashbulbs



sylvania type 2B flashbulb

The blue-coated counterpart of the Sylvania Type 2 flashbulb, recommended for assignments involving multiple-light set-ups with Daylight-type color films.



Synchronization: M synchronization at all between-the-lens shutter speeds.

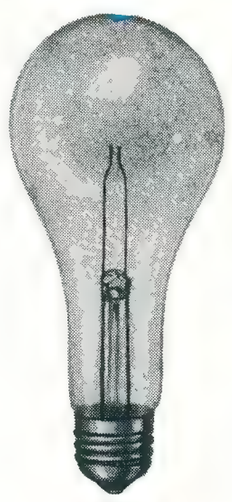
Light Output: 33,500 lumen seconds. Peaks at 20 milliseconds. A long range lamp.

Base: Medium screw.

Reflector: For maximum light output, use a 6½"-7½" polished reflector.

sylvania type 2 flashbulb

A high-powered flashbulb, especially recommended for multi-light set-ups of banquets or large-scale groups. A favorite lamp among commercial photographers.

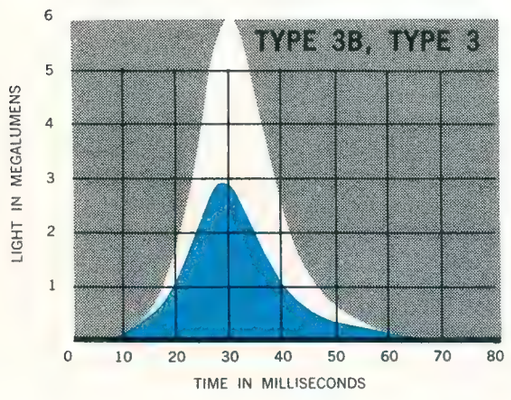


Synchronization: M synchronization at all between-the-lens shutter speeds.

Light Output: 70,000 lumen seconds. Peaks at 20 milliseconds. An extra-long range lamp.

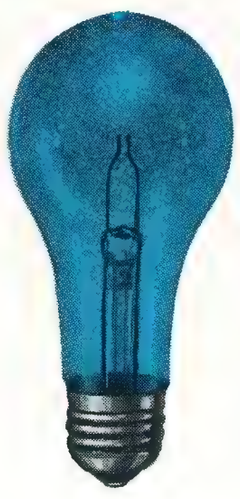
Base: Medium screw.

Reflector: For maximum light output, use a 6½"-7½" polished reflector.



sylvania type 3B flashbulb

Blue-colored twin to Sylvania's potent Type 3 flashbulb, this is the most powerful bulb manufactured for use with Daylight-type color film. Especially designed for large area photographs requiring even, broad light coverage.



Synchronization: S synchronization. For optimum effectiveness, shutter speeds should not exceed 1/30 second, maximum.

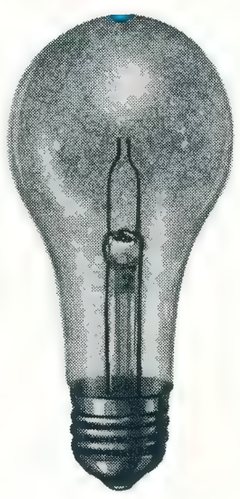
Light Output: 53,000 lumen seconds. Peaks at 30 milliseconds. A long range lamp.

Base: Medium screw.

Reflector: For maximum light output, use a 6½"-7½" polished reflector.

sylvania type 3 flashbulb

The most powerful flashbulb made. Designed expressly for photographs of banquets or ballrooms. Popular for industrial work, and multiple-light shots where even lighting of large areas is a necessity.

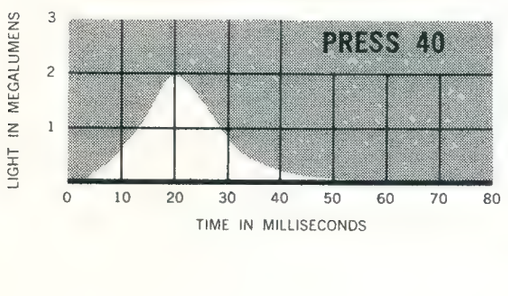


Synchronization: S synchronization. For optimum effectiveness, shutter speeds should not exceed 1/30 second, maximum.

Light Output: 110,000 lumen seconds. Peaks at 30 milliseconds. An extra-long range lamp.

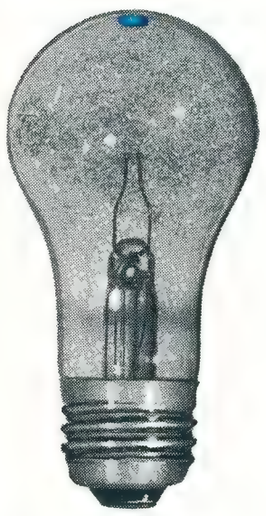
Base: Medium screw.

Reflector: For maximum light output, use a 6½"-7½" polished reflector.



sylvania press 40 flashbulb

Exceptionally versatile, powerful flashbulb. Popular among press photographers, professionals and amateurs when they need greater coverage.



Synchronization: Extra power, long peak flash assures foolproof M synchronization, even at high shutter speeds. Can be used with many focal plane cameras.

Light Output: 33,000 lumen seconds. Peaks at 20 milliseconds. A long range lamp.

Base: Medium screw.

Reflector: For maximum light output, use a 6½"-7½" polished reflector.

Type	Class	Approx. Total Light Output (Lumen Seconds)	Approx. Time To Peak (Milli-seconds)	Approx. Duration At ½ Peak (Milli-seconds)	Approx. Peak Lumens	Voltage Range for Operation	Approx. Color Tem-perature	Bulb Shape	Bulb Diam. (In.)	Max. Overall Length (In.)	Base	Bulbs Per Pack	Bulbs Per Case	Nearest Comparable Bulb (Other Mfr.)
Press 40	M	33,000	20	17	1,900,000	3-45	3800°K	A-15	1⅞	4 1/16	Med.	8	120	11
Type 2	M	70,000	20	18	4,200,000	3-125	3800°K	A-19	2⅜	4¾	Med.	6	60	22
Type 3	S	110,000	30	18	6,000,000	3-125	3800°K	A-23	2⅞	5 15/16	Med.	1	60	50
Type 2B	M	33,500	20	18	2,000,000	3-125	5500°K	A-19	2⅜	4¾	Med.	6	60	22B
Type 3B	S	53,000	30	18	2,900,000	3-125	5500°K	A-23	2⅞	5 15/16	Med.	1	60	50B

SYLVANIA blue dot guide number data

flash exposure

The charts below are a quick guide to perfect exposures when Sylvania Blue Dot flashbulbs are used.

The Guide Numbers are shown opposite the Flashbulb Number and Shutter Speed—directly below the film speed for different film types.

Reflectors: These Guide Numbers are based upon use of the reflector numbers circled beneath each flashbulb name: (1) 4-5 inch polished reflector, (2) 6½-7½ inch polished reflector, (3) Studio reflector, (4) 3 inch polished reflector, (5) 2 inch polished reflector. Note: When using satin-finish reflectors of same size, open lens one-half f stop. For fan-type reflectors, open 1 f stop.

The Method (for color or black & white): If using a Press 25B flashbulb with a shutter speed of 1/125 second, and a film speed of 64, the guide number listed is #120. Divide this number by the distance in feet between flashbulb and subject to find lens opening. At 8 ft. distance, this opening would be 15, use f/16.

Reverse Method for Outdoor Flash: When using flashbulbs outdoors, adjust lens opening and shutter speed to prevailing weather conditions. Then divide the Guide Number by the f stop —and you have the distance in feet from your subject where your flashbulb should be fired.

Sylvania Blue Flashbulbs: No filter is needed when blue color flashbulbs are used with daylight color film because their color qualities match those of daylight color films.

sylvania blue flashbulbs

Lamp Type	Shutter Speed	ANSI Film Speeds 10 to 12	16 to 20	25 to 32	40 to 64	80 to 125	160 to 200	320 to 500
Hi-Power Flashcube	"X" or "F" Up to 1/30	45	60	80	110	140	180	280
	"M" Sync. Only Up to 1/60	31	40	50	70	100	125	180
	"M" Sync. Only 1/125	25	34	42	60	80	100	150
	"M" Sync. Only 1/250	21	27	34	48	70	80	130
	"M" Sync. Only 1/500	17	22	27	40	55	70	100
Magicube	"X" or "F" Up to 1/60	32	42	55	75	100	130	200
Flashcube	"X" Sync. Up to 1/30	32	42	55	75	100	130	200
	"M" Sync. Only Up to 1/60	22	28	36	50	70	90	130
	"M" Sync. Only 1/125	18	24	30	42	60	75	110
	"M" Sync. Only 1/250	15	19	24	34	48	60	90
	"M" Sync. Only 1/500	12	16	19	28	38	48	70
AG-1B Zirconium Filled (Class MF) (5)	"X" Sync. Up to 1/30	46	60	75	100	150	190	280
	"M" Sync. Only Up to 1/60	30	38	48	65	95	120	170
	"M" Sync. Only 1/125	26	32	42	60	80	100	150
	"M" Sync. Only 1/250	22	28	34	48	70	85	130
	"M" Sync. Only 1/500	18	22	28	40	55	70	110
M-2B (Class MF) (4)	"X" Sync. Up to 1/30	42	55	70	95	140	170	250
M-3B Zirconium Filled (Class M) (4) Focal Plane	"X" or "M" Up to 1/30	65	80	100	140	200	260	400
	"M" Sync. Only 1/60	55	70	85	120	170	220	320
	"M" Sync. Only 1/125	46	60	75	100	140	180	280
	"M" Sync. Only 1/250	36	46	60	80	120	150	220
	"M" Sync. Only 1/500	30	38	48	65	95	120	180
	"X" Sync. Up to 1/30	65	85	110	150	220	280	400
	"FP" Sync. Only 1/125	42	50	65	95	130	170	240
	"FP" Sync. Only 1/250	30	38	48	65	95	120	170
	"FP" Sync. Only 1/500	20	26	34	46	65	85	120
	"FP" Sync. Only 1/1000	15	19	24	34	46	60	90
Press 25B (Class M) (1)	"X" or "M" Up to 1/30	65	80	100	150	200	260	380
	"M" Sync. Only 1/60	60	75	95	130	190	240	360
	"M" Sync. Only 1/125	50	65	85	120	160	200	300
	"M" Sync. Only 1/250	40	50	65	90	130	160	240
	"M" Sync. Only 1/500	30	40	50	70	100	120	180
FP-26B (Class FP) (1)	"FP" Sync. Only Up to 1/30	65	85	110	150	220	260	400
	"FP" Sync. Only 1/125	32	40	50	75	100	130	190
	"FP" Sync. Only 1/250	22	28	36	50	70	90	140
	"FP" Sync. Only 1/500	16	20	26	36	50	65	100
	"FP" Sync. Only 1/1000	11	14	18	26	36	46	70
Type 2B (Class M) (2)	Up to 1/30	100	130	160	220	320	400	600
	1/60	85	110	140	200	280	360	520
	1/125	75	95	120	170	240	300	440
	1/250	60	75	95	130	190	240	340
	1/500	44	55	75	100	140	180	260
Type 3B (Class S) (3)	Up to 1/30	130	170	220	300	420	550	800

sylvania clear flashbulbs

Lamp Type	Shutter Speed	ANSI Film Speeds (Tungsten) 10 to 16	20 to 32	40 to 64	80 to 125	160 to 250	320 to 500
AG-1 Zirconium Filled (Class MF) (5)	"X" Sync. Up to 1/30	65	90	130	180	260	360
	"M" Sync. Only Up to 1/60	40	60	85	120	170	240
	"M" Sync. Only 1/125	34	50	70	100	140	200
	"M" Sync. Only 1/250	28	42	60	85	120	170
	"M" Sync. Only 1/500	24	34	48	70	95	140
M-2 (Class MF) (4)	"X" Sync. Up to 1/30	60	90	120	180	240	360
M-3 Zirconium Filled (Class M) (4) Focal Plane	"X" or "M" Up to 1/30	90	130	180	260	360	500
	"M" Sync. Only 1/60	75	110	150	220	300	440
	"M" Sync. Only 1/125	65	90	130	180	260	360
	"M" Sync. Only 1/250	50	75	100	150	200	300
	"M" Sync. Only 1/500	40	60	85	120	170	240
	"X" Sync. Up to 1/30	95	130	190	260	380	550
	"FP" Sync. Only 1/125	55	80	120	170	240	340
	"FP" Sync. Only 1/250	40	60	85	120	170	240
	"FP" Sync. Only 1/500	28	42	60	85	120	170
	"FP" Sync. Only 1/1000	20	30	42	60	85	120
Press 25 (Class M) (1)	"X" or "M" Up to 1/30	95	140	200	280	400	550
	"M" Sync. Only 1/60	90	130	180	260	360	500
	"M" Sync. Only 1/125	75	110	160	220	320	440
	"M" Sync. Only 1/250	60	85	120	180	240	360
	"M" Sync. Only 1/500	46	65	95	130	190	260
	"M" Sync. Only 1/750	34	50	70	100	140	200
Press 40 (Class M) (2)	Up to 1/30	100	150	200	300	420	600
	1/60	90	130	180	260	360	500
	1/125	75	110	160	220	320	440
	1/250	60	85	120	170	240	340
	1/500	46	65	95	130	190	260
FP-26 (Class FP) (1)	Up to 1/30	100	140	200	280	400	550
	"FP" Sync. Only 1/125	48	70	95	140	190	280
	"FP" Sync. Only 1/250	34	48	70	95	140	190
	"FP" Sync. Only 1/500	24	34	48	70	95	140
	"FP" Sync. Only 1/1000	17	24	34	48	70	95
Type 2 (Class M) (2)	Up to 1/30	150	220	300	420	600	850
	1/60	130	190	260	380	550	750
	1/125	110	160	220	320	460	650
	1/250	85	130	180	260	360	500
	1/500	70	100	140	200	280	400
Type 3 (Class S) (3)	Up to 1/30	200	280	400	550	800	1150

SYLVANIA

projector lamps

SYLVANIA PROJECTOR LAMPS: Quality control, every step of the way, assures you a Sylvania projector lamp is a well-made lamp . . . carefully inspected and tested before it reaches you.

Separate catalog sections detail the individual features of the different types of Sylvania lamps:

TUNGSTEN HALOGEN
TRU-BEAM
RIM-MOUNTED TRU-BEAM
TRU-FOCUS
TRU-FOCUS, Proximity-reflector
TRU-FOCUS, hard glass
TRU-FLECTOR
SUPER TRU-FLECTOR
DICHROIC SUPER TRU-FLECTOR

. . . and other lamp specifications, including drawings of base and filament types.

THE CERAMIC BLUE TOP: Sylvania's famous Ceramic Blue Top is a flint-hard, opaque outer skin, baked-in (not just painted on) to actually become a part of the glass. The blue top decreases light spillover. The blue top increases lamp efficiency by shielding the lamp, boosts lamp life by dissipating heat more rapidly than ordinary coatings.

ANSI CODES: Every Sylvania Projector lamp is coded with three letters assigned by the American National Standards Institute (ANSI), formerly known as ASA, ASI, USASI. This combination of three letters refers to a specific lamp type and should be used when ordering.

DOUBLE BRANDING: On some Sylvania Blue Top projector lamps, you will find "double branding"—that is, **two** ANSI codes. This means the lamp will work in projectors calling for either lamp type. Even if the old lamp was a clear top, your customer should not be concerned if he receives a double-branded Sylvania Blue Top projector lamp as a replacement. The Sylvania Blue Top will work just as efficiently, if not more so.

RATED VOLTAGE: Unless otherwise noted, all Sylvania projector lamps are rated at 120 volts. A lamp with a rated life of 25 hours will operate for only 15 hours (approx.) at 125 volts, with about 15% more light output and at a color temperature about 50°K higher. At lower voltages, lamp life increases, but brightness and color temperature decrease.

IMPORTANT: A projector's cooling system is designed to operate efficiently **only with specific lamp wattages.** Lamps of higher wattage than recommended will not cool adequately, may damage optical system, motor and/or film.

SYLVANIA tungsten halogen lamps

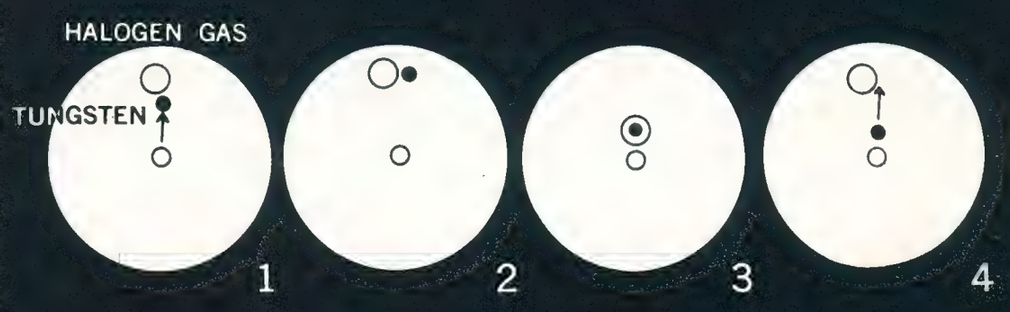
The Halogen Cycle Story. Halogen is the name applied to the classification of elements such as iodine, chlorine, bromine, etc.

When halogen lamps were introduced, initially they were manufactured from quartz and contained an atmosphere of inert gas and iodine. Today, with new developments in lamp technology, material such as Vycor® is used to replace the quartz; gases other than iodine in the Halogen family are also used. Therefore, it is more accurate and more meaningful to refer to them as tungsten halogen lamps.

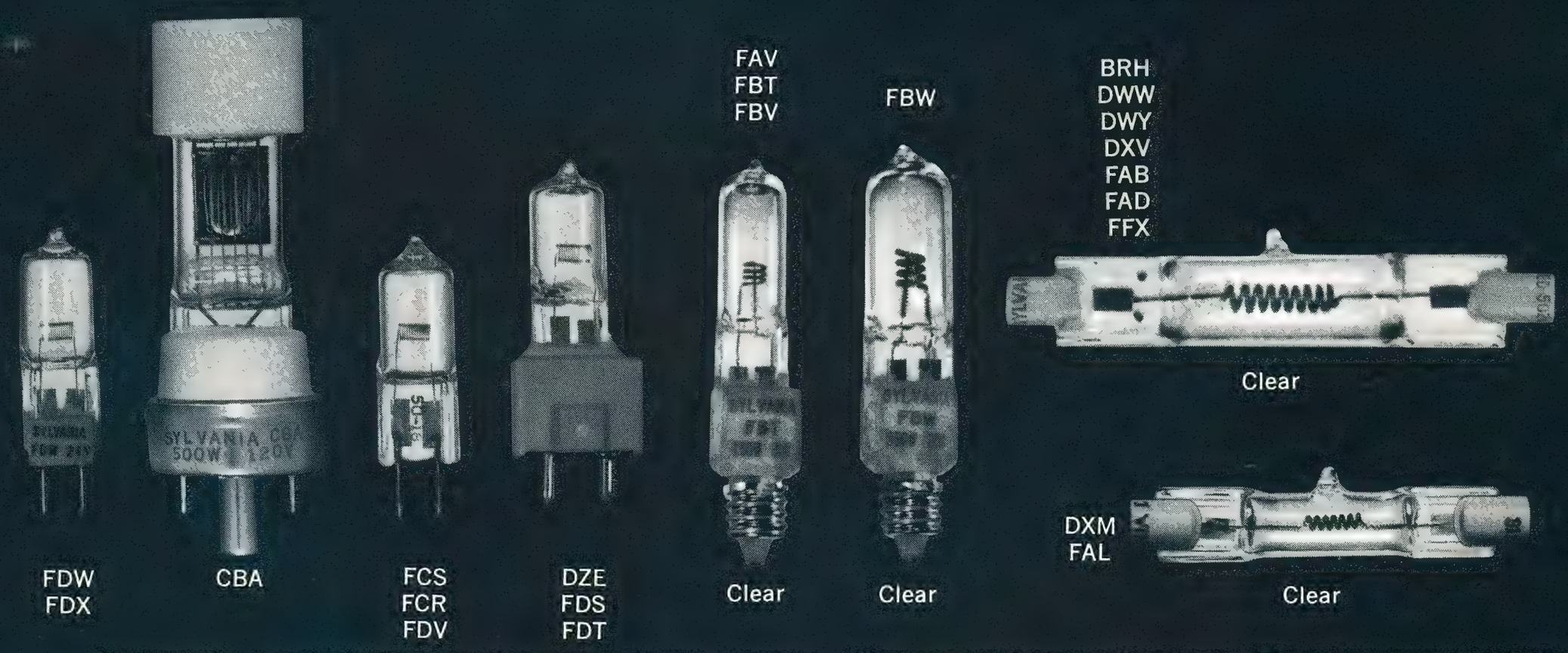
The halogen gas sealed in the lamp reduces blackening and maintains the color temperature for the life of the lamp. Quartz, or the special high silica glass Vycor® has a very high melting point and a low coefficient of expansion permitting bulb wall temperature up to 600 degrees centigrade. The filament in these lamps can be placed closer to the bulb walls, permitting the use of more powerful filaments in more compact envelopes. Due to the oxidation temperature limit of the external leads of tungsten halogen lamps, the seal temperature should not exceed 450° centigrade.

New increased efficiency . . . and longer lamp life. Sylvania Tungsten Halogen, Tru-Beam and Super Q lamps work better and last longer through the introduction of a Halogen gas such as iodine into the lamps during manufacture. Result: a self-cleaning lamp that never darkens and produces maximum light output for its entire life.

TUNGSTEN HALOGEN LAMPS . . . and what makes them better! Let's follow the path of one tungsten particle as it evaporates from the filament and is intercepted by a particle of Halogen gas and returned to the filament.

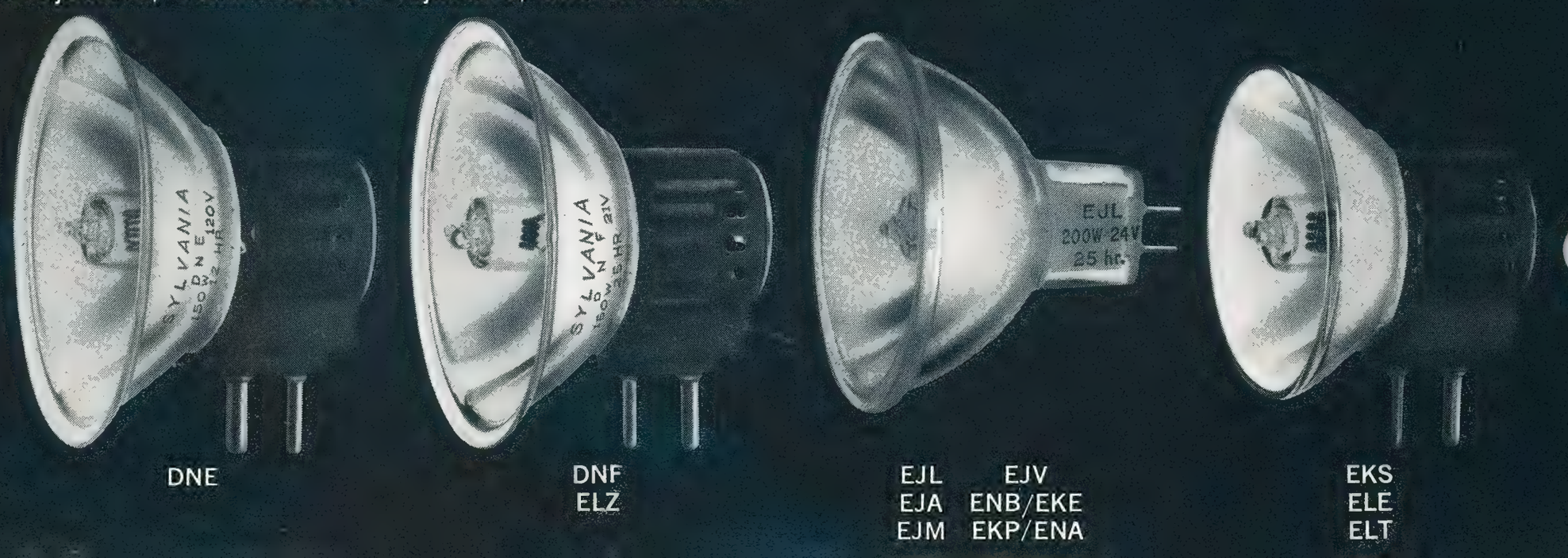


1. Tungsten particle evaporates.
2. Tungsten and Halogen gas particles collide.
3. Tungsten combines chemically with Halogen gas.
4. Tungsten particle deposited on filament, Halogen gas released ready to combine again.



tru-beam

Sylvania's revolutionary tru-beam projector lamps are available in various designs: the line voltage tru-beam DNE, the low voltage tru-beam lamps similar to the DNF, a compact tru-beam family similar to the EKS, also known as Mini-Trubeam, and a fourth tru-beam family for rim mounting. These lamps were developed by Sylvania for 8mm and Super-8 Movie Projectors, 16mm Movie Projectors, and for Micro-film projection applications. Their features include dichroic tru-beam reflector for greater screen illumination efficiency, vented 2 pin base, perfect lamp alignment, and cooler operation. All lamps use the tungsten halogen principle to give optimum lamp performance and true color rendition throughout the life of the lamp.



DNE

DNF
ELZ

EJL EJV
EJA ENB/EKE
EJM EKP/ENA

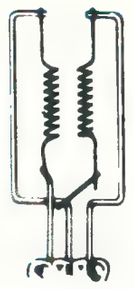
EKS
ELE
ELT

SYLVANIA projector lamps

filaments

CC-2V

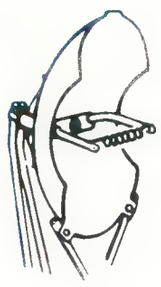
CC-13



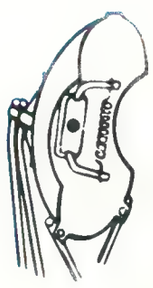
2CC-8

C-13

C-13D

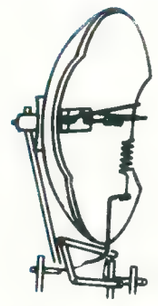


CC-6

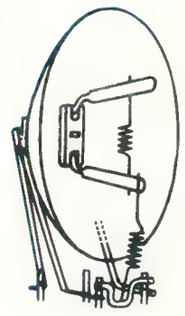


CC-8

C-BAR 6

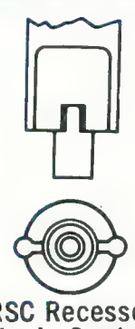


CC-6 Ballasted

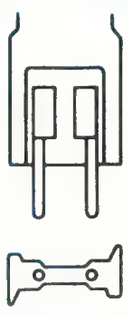


CC-8 Ballasted

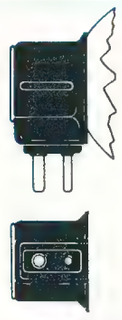
bases



RSC Recessed Single Contact



2-Pin All Glass



Tru-Beam 2-Pin

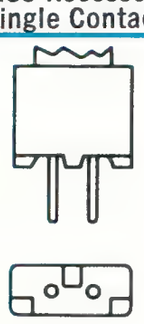
Double Contact Bayonet

D.C. Med. Ring (Base Up)

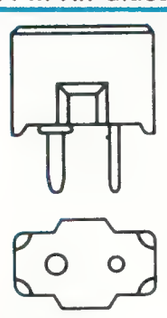
Mogul Bi-Post

Single Contact Bayonet

B&H Small Ring

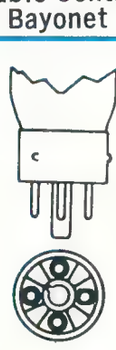


2-Pin Miniature



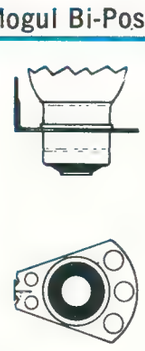
2-Pin Pre-Focus

Double Contact Prefocus



Tru-Focus

Medium Prefocus



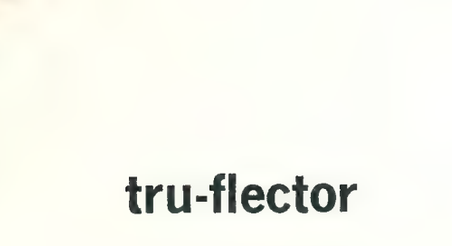
B&H Large Ring

Mogul Prefocus

Medium Screw

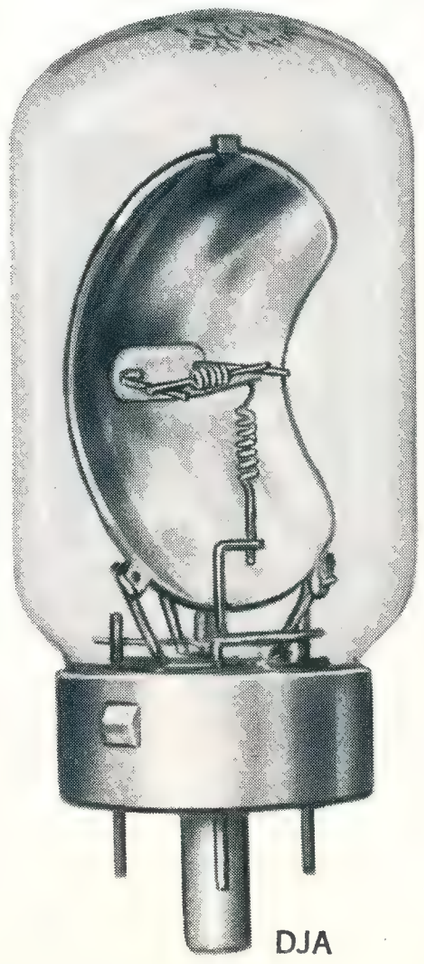
tru-flector

Again leading the industry, Sylvania designed the TRU-FLECTOR projector lamp. Compact, powerful and with a sealed-in silver condensing reflector, this lamp simplifies the optical systems of 8mm movie projectors by eliminating the need for external reflectors and condensing lenses. In addition to the snap-in base for easy prefocusing alignment, TRU-FLECTOR design permits operation with increased lamp efficiency of over 300 percent! (A 150-watt TRU-FLECTOR in an 8mm projector provides the same screen brightness as a much larger 500-watt lamp in conventional optical systems.) Furthermore, recent modifications, utilizing "internal ballast construction," offer two-part filaments—far more rugged and lasting. The result: a lamp that actually "lets you know" before it burns out (by dimming) that it is approaching the end of its useful, rated life!

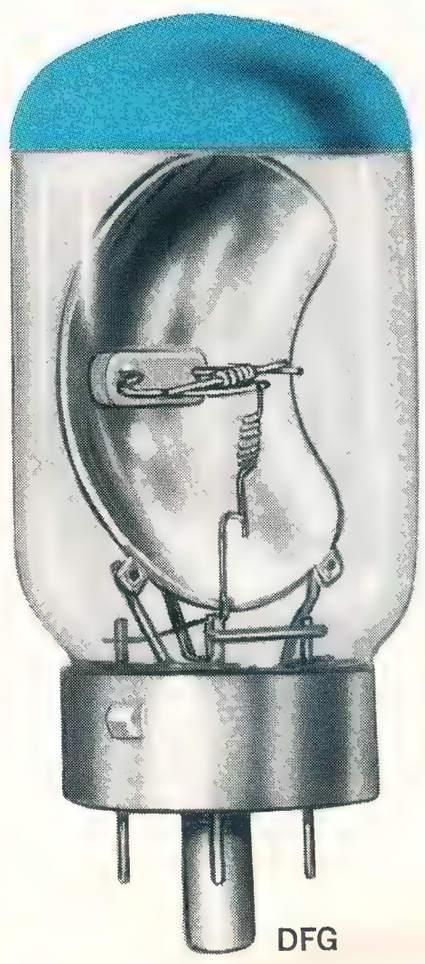


how tru-flector and tru-beam work

In the standard projection system, a reflector behind the lamp and a condenser in front collect only a small portion of the light and direct it onto the film. An objective lens collects the light that passes through the film and directs it at the screen. The efficiency of this system is quite limited. **In the Tru-Flector or Tru-Beam system,** an internal reflector acts as a condenser, collects almost a full hemisphere of light and focuses it directly on the film. Instead of the light loss with standard optical systems, the objective lens collects almost the full light output of the lamp and directs the brighter image onto the screen.



DJA



DFG

DJL

SYLVANIA

tru-flector projector lamps

super tru-flector

Featuring a screen brightness over 50 percent greater than that of the original Tru-Flector, SUPER Tru-Flector design utilizes a special internal reflector and extra-heavy filament; achieves a brighter, whiter light at 21 volts supplied by a transformer in the projector itself. Light output is 150 open shutter screen lumens (compared to 95 original Tru-Flector). It is available for use with standard objective lenses, such as f/1.6 (DCA) or with large aperture objective lenses, such as f/1.2 to f/1.0 (DLG). Pin positions prevent insertion of lamp into projectors not equipped to convert 120 to 21 volts.

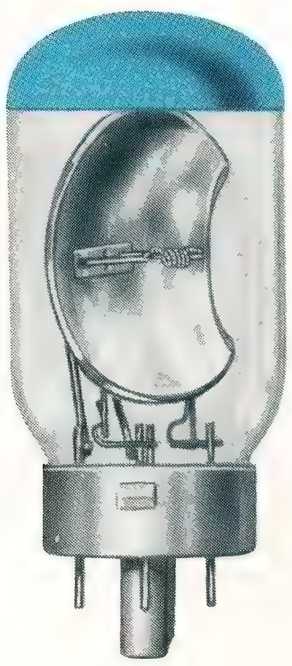
DCA

DLG

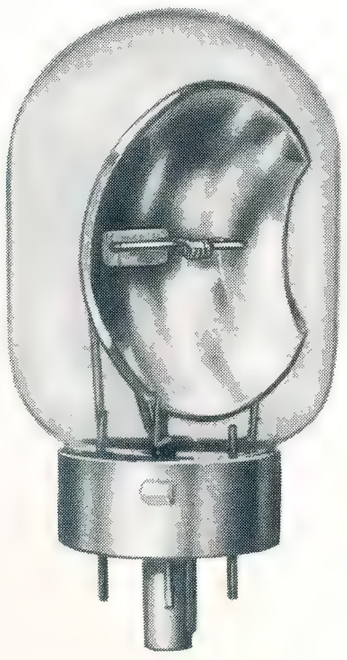
dichroic super tru-flector

This advanced projector lamp type features a Sylvania-developed "cool light" reflector. Made of glass with a dichroic coating, this extraordinary reflector acts like a two-way mirror: beams useful light rays toward the film gate and sends heat rays to the rear. By removing the useless, non-visible radiant energy from the light beam and directing only the useful light through the lens, where it belongs, the dichroic reflector gives you a 50% cooler, safer projector lamp. The DLR "dichroic" is designed specifically for 16 mm projectors.

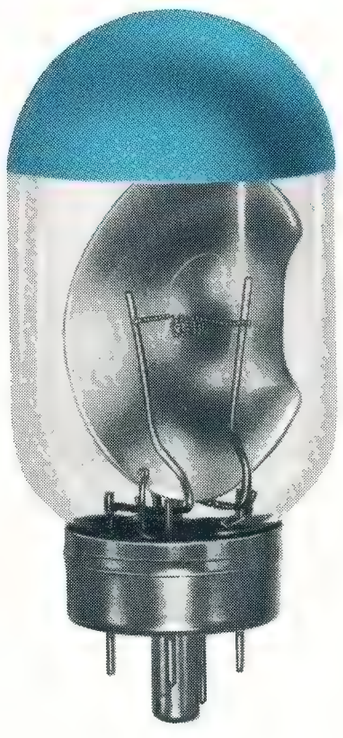
DEF



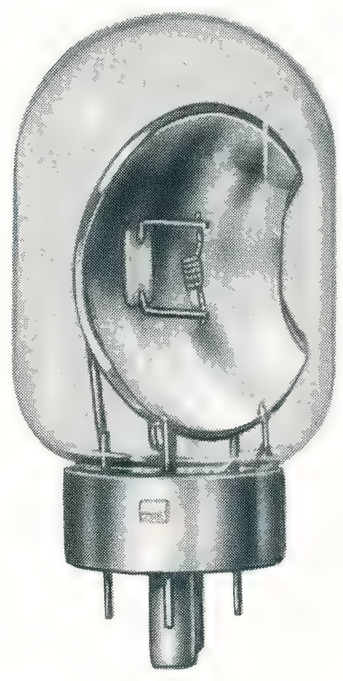
DKR



DLR
DKM



DLS



SYLVANIA tru-focus projector lamps

why tru-focus?

In establishing a standard for the industry and to provide remarkable levels of screen brightness efficiency, Sylvania TRU-FOCUS lamps combine three outstanding features:

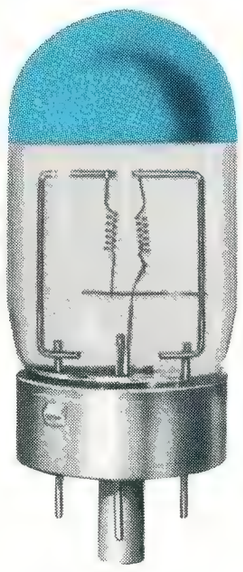
1 **Precise positioning of filament** in relation to projector optical system. Projector can operate at maximum efficiency . . . can use more of the lamp's light and achieve maximum screen brilliance.

2 **Snap-in, accurate alignment.** Keyed guide-pins and heavy-duty contact pins assure precise alignment. Lamp fits socket only when properly positioned.

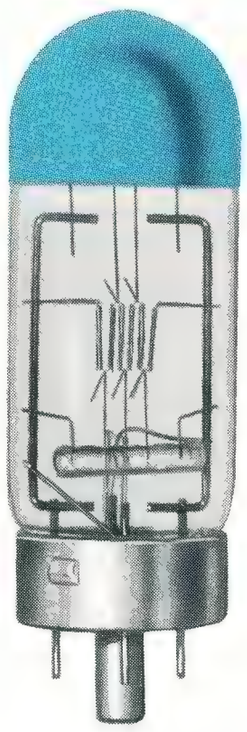
3 **Horizontal burning types.** A special device collects and diffuses lamp-blackening carbon; lamp stays clear longer, with light output at a maximum.

. . . plus Sylvania non-sag filaments, Pyrex bridge supports, visible built-in fuses—all reasons why Sylvania TRU-FOCUS has become the standard when it comes to slide projector lamps.

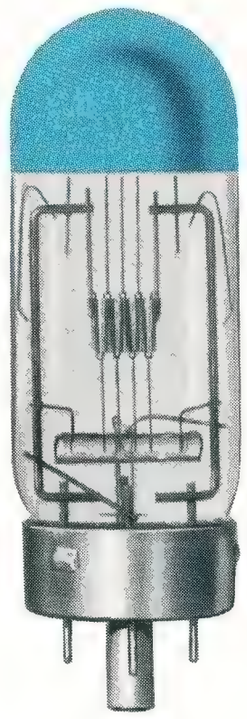
BEH



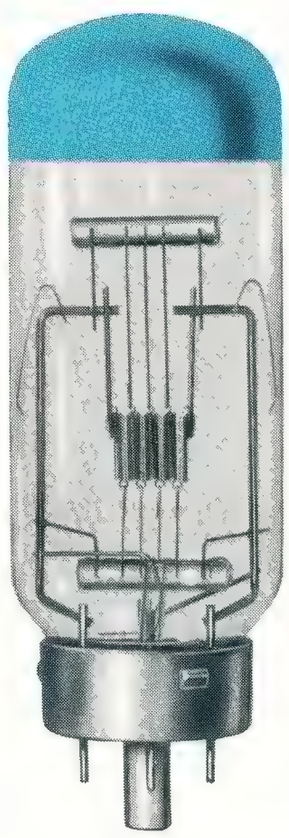
CWD



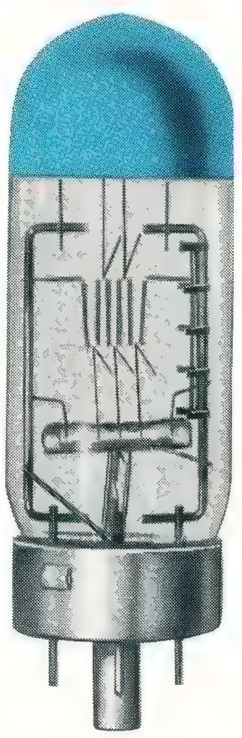
DAK
DAY*



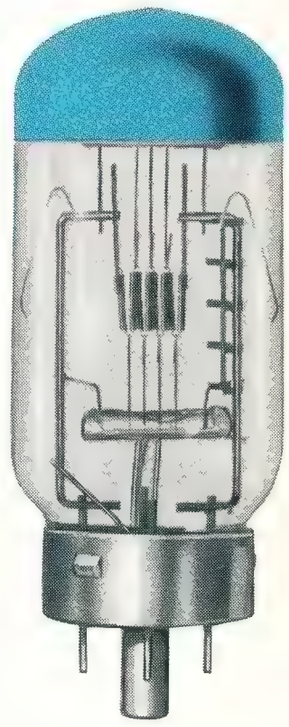
DEP
DGR*



DGA



DGF



proximity reflector

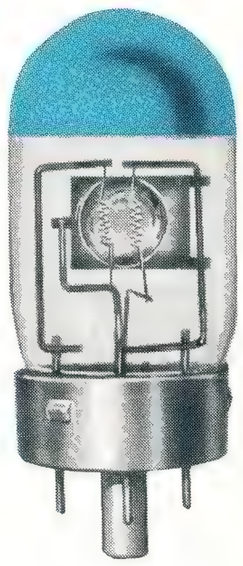
A miniature reflector, located immediately behind the filament, gathers light directly from the filament and redirects it through the projector's optical system.

The result is:

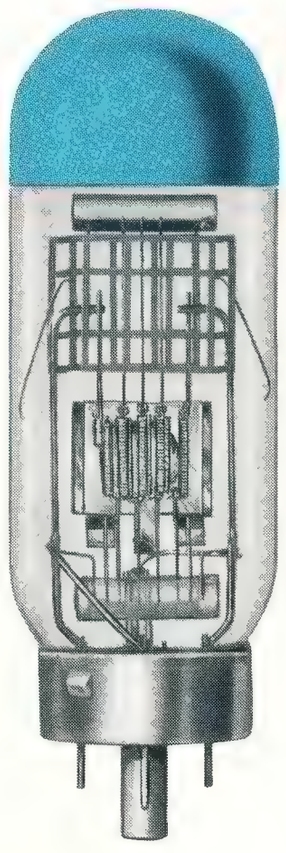
- a gain in screen brightness
- a brighter reflector, hermetically sealed against dirt and oxidation
- a cooler lamp, with a longer life. Mirror-like surface reflects heat from rear-bulb walls
- a new self-contained reflector for the projector each time bulb is replaced

CAL

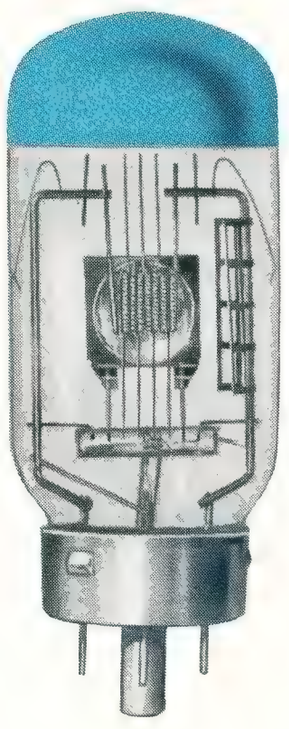
CAR



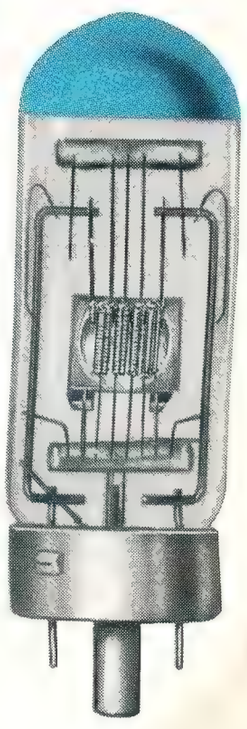
CWA* DAX*
CTT* CYS*



DFW DEK
DAH* DHN



CZA



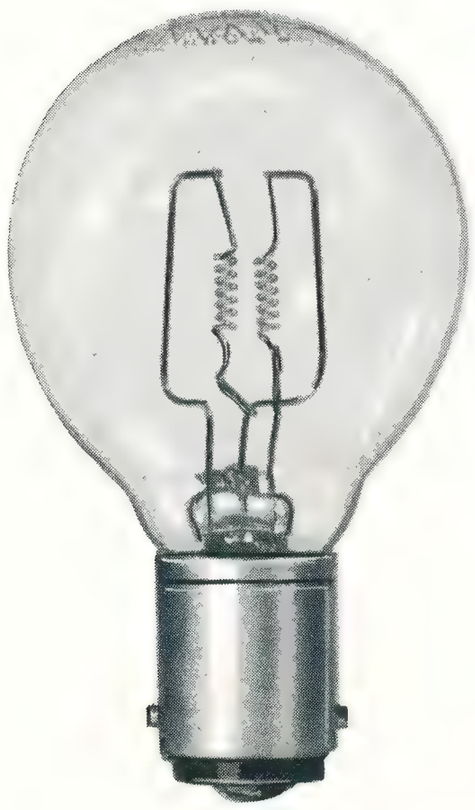
*CWA, CTT, DAX, DGR, CYS, DAY, and DAH are hard glass types manufactured by Sylvania. The hard glass provides trouble-free blister-proof operation.

See Sylvania Projection Lamp Specification sheet for other TRU-FOCUS types.

SYLVANIA other renewal type projector lamps

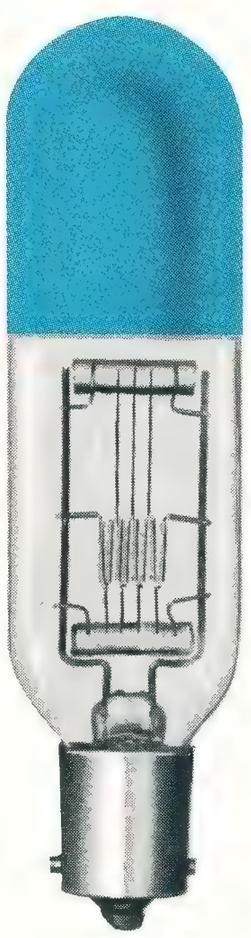
In any inventory of projector lamps, a certain number of "ordinary" renewal types must be carried. Many of these lamps were designed years ago, before newer types effected changes in projector designs, and still serve a useful life in specific models of existing equipment that call for them. To help you serve this important part of your market, Sylvania makes many types in addition to those shown and listed here—along with newer types and designs—under the same exacting, high standards that have made the name Sylvania synonymous with quality throughout the projector lamp industry.

BEJ

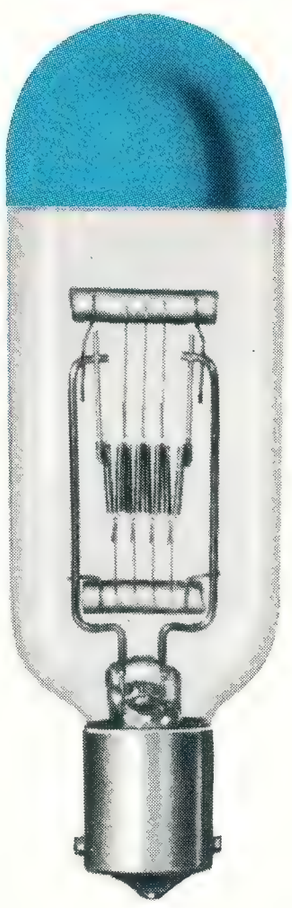


CAV/CAS

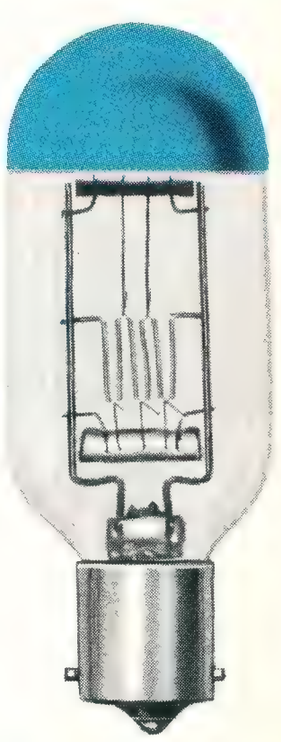
CMV/CMT



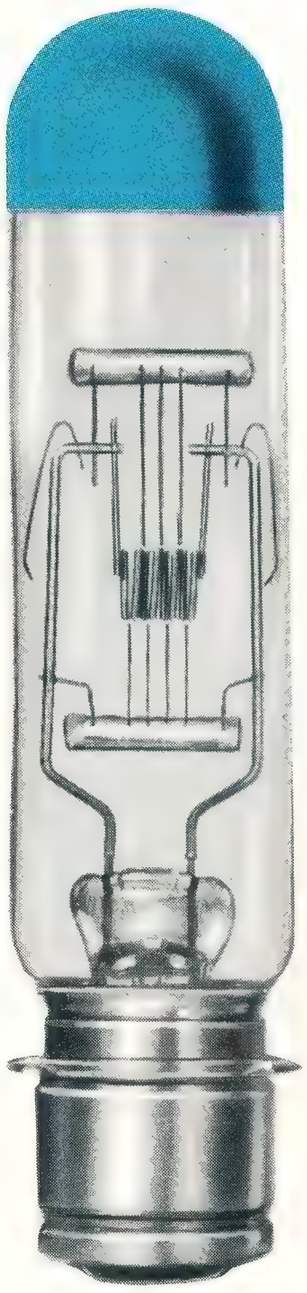
EDK



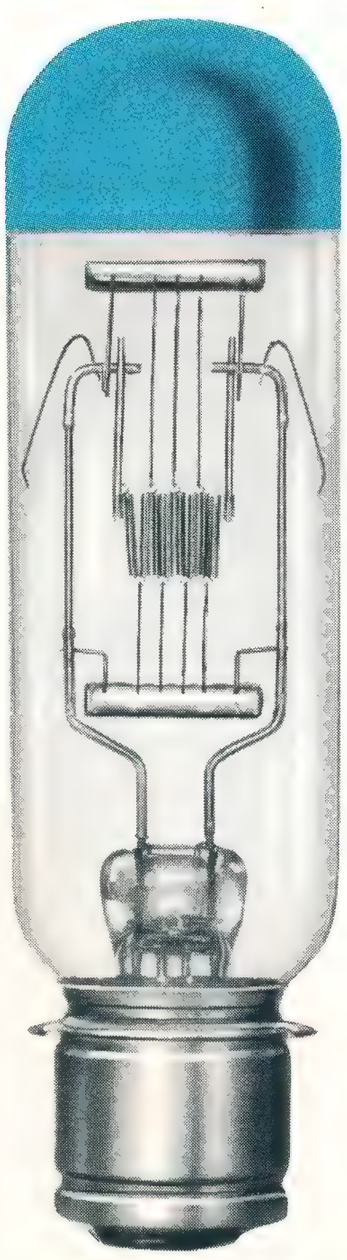
CYC



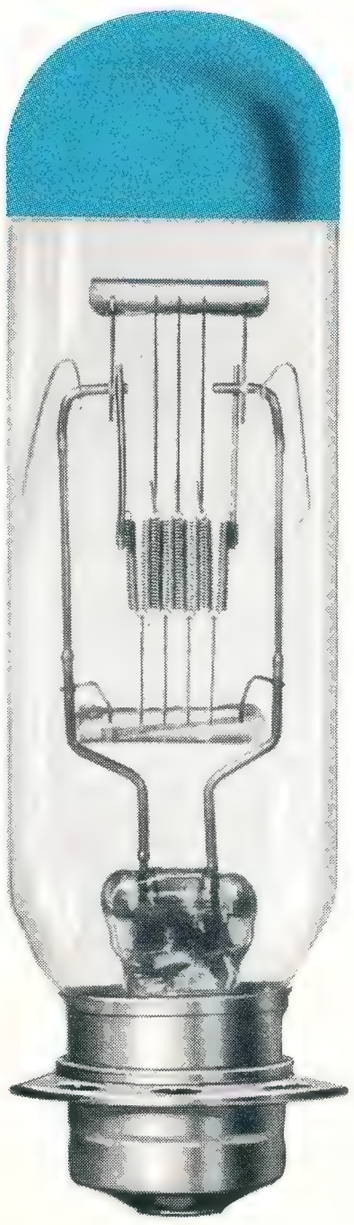
CZX



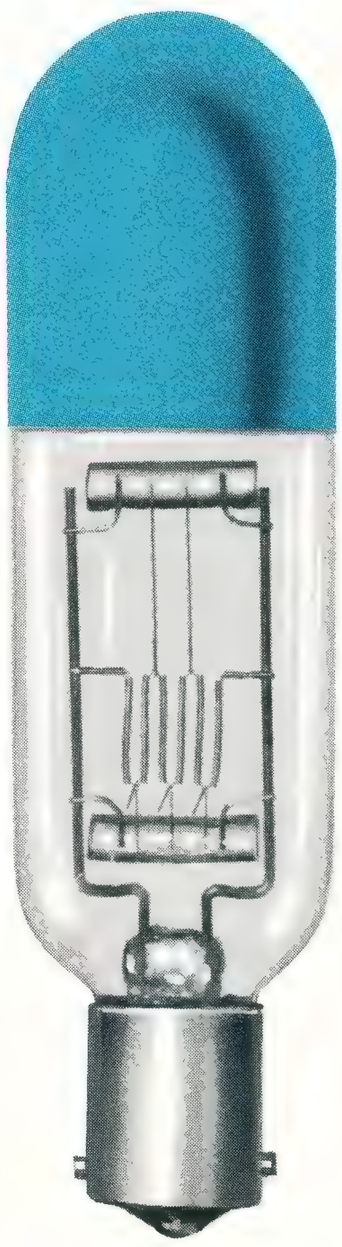
DDB



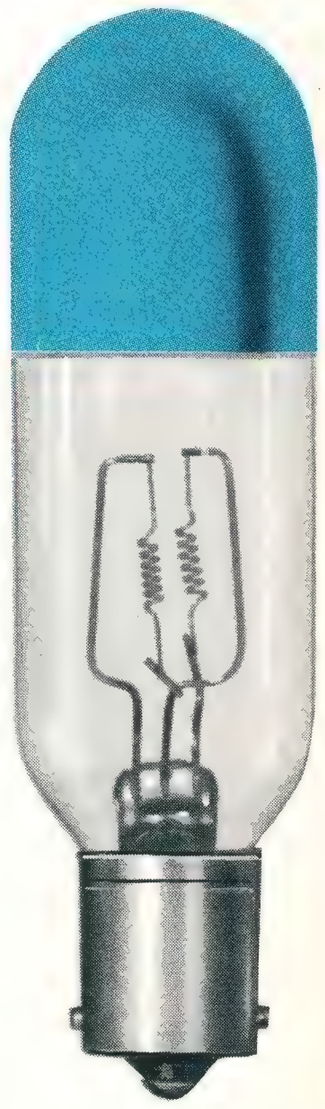
DFK



CLS/CLG



CEW/CFC



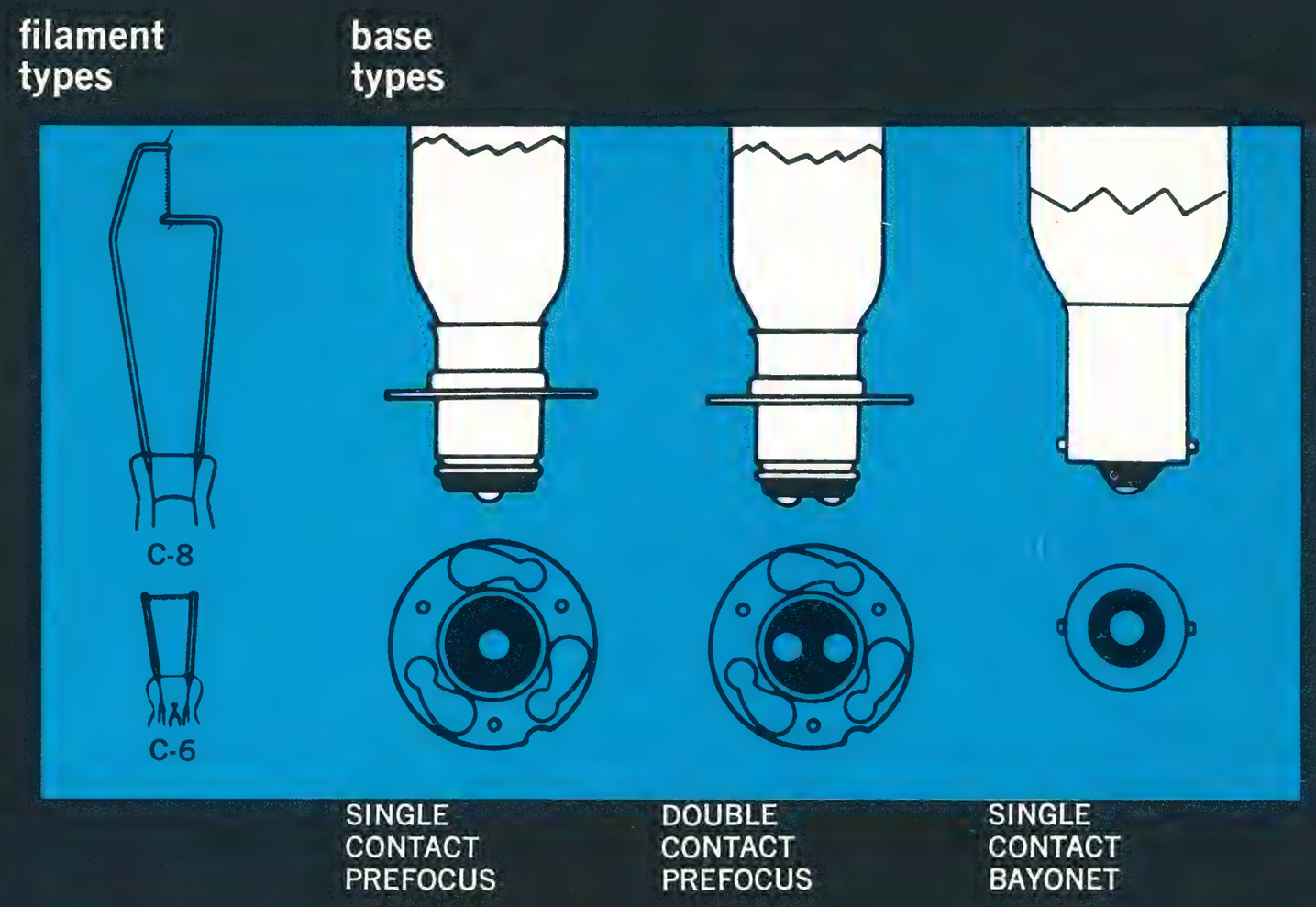
SYLVANIA

tru-tone exciter lamps

Sound is reproduced from a sound-track almost magically. For it is light that does it: the light from the Exciter Lamp passes through the film's sound track in intensities that vary with the variations of the track, and registers on a photo-electric cell. The cell converts the light into electrical impulses—and the amplifying system converts the impulses into the same audible, comprehensible words, whispers or music that were originally recorded.

Key to fidelity in the reproduction of sound is the Exciter Lamp. Its output must be constant: the photo-electric cell is not discriminating enough to tell whether a variation in brilliance is due to a fall-off of exciter lamp output or to a variation of the sound track. If the light varies, the sound will be distorted.

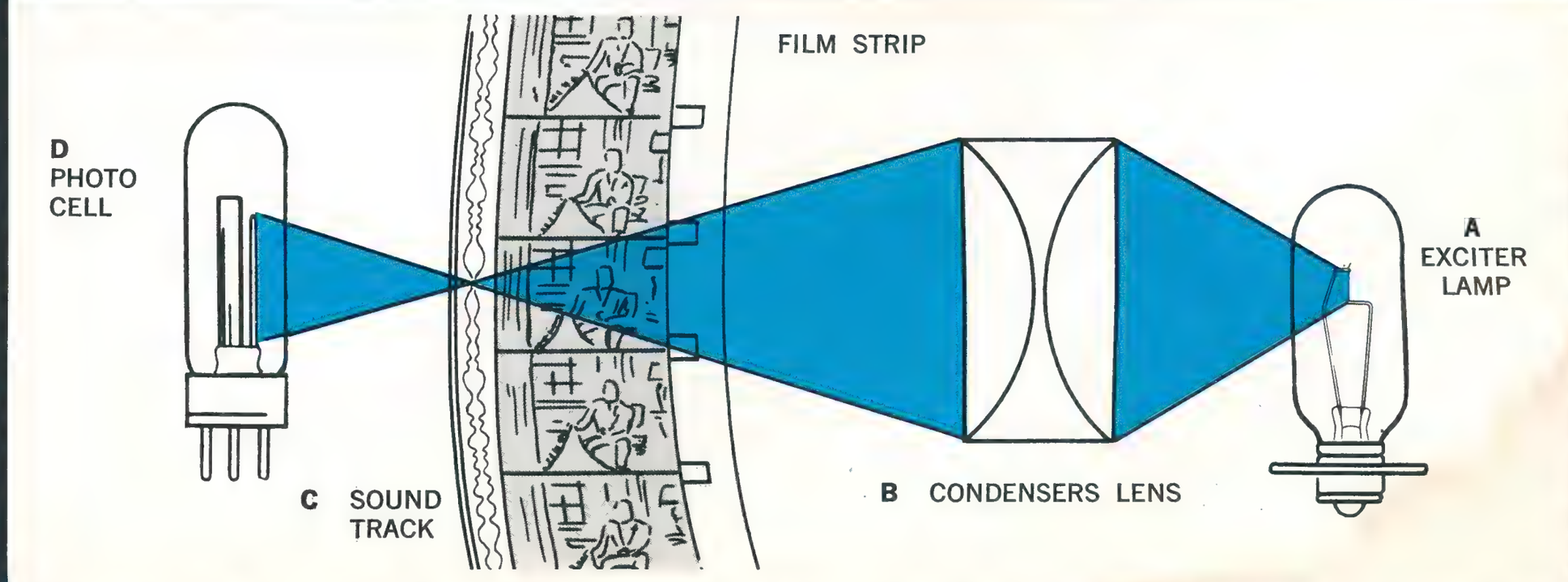
The construction of Sylvania's Exciter Lamps is as precise as that of a fine watch. The filament, machine coiled for efficiency, throws out a brilliant, non-fluctuating light. And each glass envelope is individually inspected for flaws. This is Sylvania's way of bringing new clarity . . . greater fidelity . . . to sound projection.



sound projection system

The diagram below shows you in the simplest form how sound is transferred from the film strip to the amplifier. Light from the Exciter Lamp (A)—light transmitter—passes through the lens (B). The lens focuses light on the sound track of the film (C). This light passes through the sound track and into photo cell (D)—light receiver.

The photo cell receives sound in the form of light impulses and converts it to electrical impulses or, in other words, actual sound. These impulses, leaving photo cell, are too faint to be audible. Therefore, they pass from the cell into an amplifier which magnifies the sound to any desired audibility.



SYLVANIA tru-tone exciter lamps

exciter lamp specifications

ANSI Code	Type Number	Amps	Volts	Base Type	Bulb Type	Fil. Type	Rated Life*	Light Center Length	Max. Overall Length	Rated Lumens	Carton Quan.	Burning Position	Bulb Finish
BAK	75A/T5SCP/1	.75	4	S. C. Pref.	T-5	C-6	200	1⅛	2	30	10	Any	Clear
BFT	75A/S8SC	.75	4	S. C. Bay.	S-8	C-6	50	1¼	2	28	10	Any	Clear
BFX	75A/S8SCP	.75	4	S. C. Pref.	S-8	C-6	50	1⅛	2	28	10	Any	Clear
BGB/ BGK	75A/S8DCP	.75	4	D. C. Pref.	S-8	C-6	50	1⅛	2	28	10	Any	Clear
BRD	75A/T5SC	.75	4	S. C. Bay.	T-5	C-6	50	1¼	2	30	10	Any	Clear
BRK	75A/T5/1	.75	4	S. C. Pref.	T-5	C-8	50	1⅛	2⅜	28	10	Any	Clear
BRS	75A/T5SCP	.75	4	S. C. Pref.	T-5	C-6	50	1⅛	2	30	10	Any	Clear
BRX	1A/T5/5	1.0	6	D. C. Pref.	T-5	C-6	100	1⅛	2	70	10	Any	Clear
BSK	1A/T5/6	1.0	6	S. C. Pref.	T-5	C-6	100	1⅛	2	70	10	Any	Clear
BSS/ BSB	1A/T5/7	1.0	6	S. C. Pref.	T-5	C-8	100	1⅛	2⅜	70	10	Any	Clear
BSW	20A/T5SCP	.2	7	S. C. Pref.	T-5	C-8	50	1⅛	2⅜	13	10	Any	Clear
BTD	20A/T5/2DCP	.2	7	D. C. Pref.	T-5	C-6	50	1⅛	2	15	10	Any	Clear
BXB	4A/T8/86	4.0	8.5	S. C. Pref.	T-8	C-8	100	1⅝	3⅛	680	10	Any	Clear
BXE	7.5A/T8/SCB	7.5	10	S. C. Bay.	T-8	C-8	100	1¾	3⅛	—	10	Base down	Clear

*Life when lamp is held at rated amps.

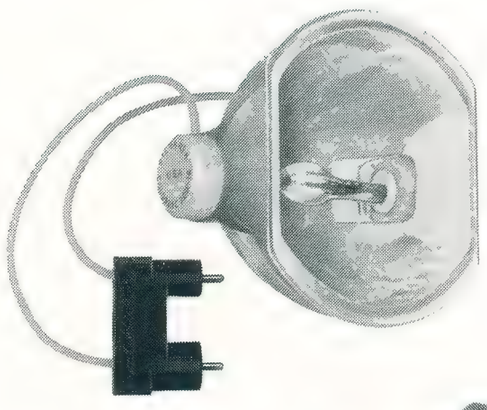
projector lamps

colorarc 300

A quartz bodied arc source mounted within an optical dichroic glass reflector. The dichroic glass diverts the heat from the film gate. Uses only 300 watts but gives greater screen brightness than conventional 1000 and 1200 watt lamps. The result is a picture that is not only brighter but whiter. Its whiter light (5000°K) makes the colors of the spectrum brighter, more natural.

With the Colorarc 300, you can now place the projector further from the screen and illuminate a larger screen area. It is also possible to show movies in a classroom without lowering the light level in the room.

For use in Bauer, Bell and Howell, Kalart, Kodak, Norelco, Singer (Graflex) and Viewlex.



power supply for colorarc 300 lamp

The electrical design characteristics of the Sylvania Model 10601 power supply have been specifically selected to operate the 300 watt Colorarc lamp at its recommended operating point.

The Model 10601 is a DC power supply which incorporates the appropriate ballast techniques to reliably operate the 300 watt Colorarc lamp and an igniter circuit to provide the required high-voltage starting pulse.

Ordering Abbreviation	Voltage	Watts	Base	Rated Life	Approx. Color Temp.	Approx. Reflector Size
COLORARC 300/16	37.5	300	Special 2-pin plug	25 hours to 75% initial brightness	5000°K	3″
COLORARC 300/16A	37.5	300	Special 2-pin plug	25 hours to 75% initial brightness	5000°K	2¼″

SYLVANIA how to identify a defective projector lamp

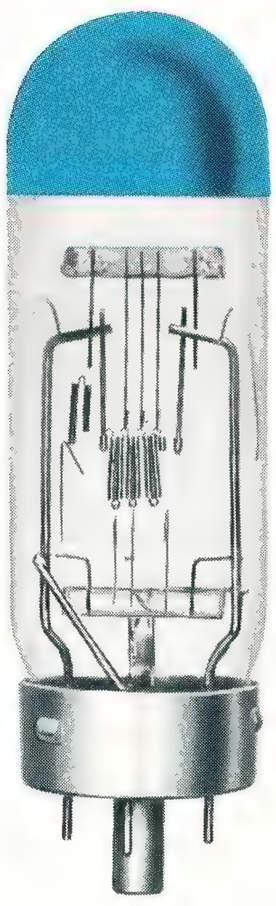
Just as the projector is a delicate, precision instrument, so is its "heart"—the projector lamp. And, just as the projector may fail to operate when abused, so may a bulb "blow" or refuse to work any longer.

Sylvania's engineers examine every lamp returned for replacement and can determine by inspection why a projector lamp failed. Lamps that failed because of manufacturing flaws are considered **valid defectives** entitled to replacement under Sylvania's projector lamp guarantee. Lamps whose failure resulted only from reaching the end of a normal burning life* are classified as **invalid defectives** and obviously cannot be replaced.

Pictured and described below are two basic types of **valid defectives,** as well as four examples of **invalid defectives** which show tell-tale signs of normal life. Once pointed out, the signs are easy to read. Learning them will reduce many of your headaches.

*Average rated life. If incorrectly used, of course, in wrong projector, higher-than-normal voltage or improper position, shorter life must be expected.

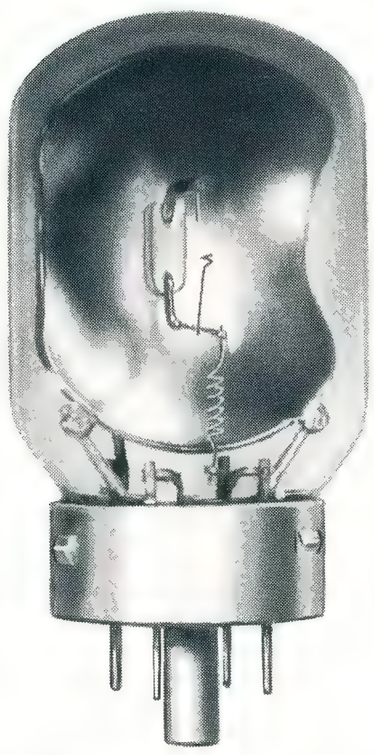
valid defectives



Early failure: Lamp is clean and appears perfect in all respects except for broken filament. This lamp obviously has not been burned any length of time, if at all.

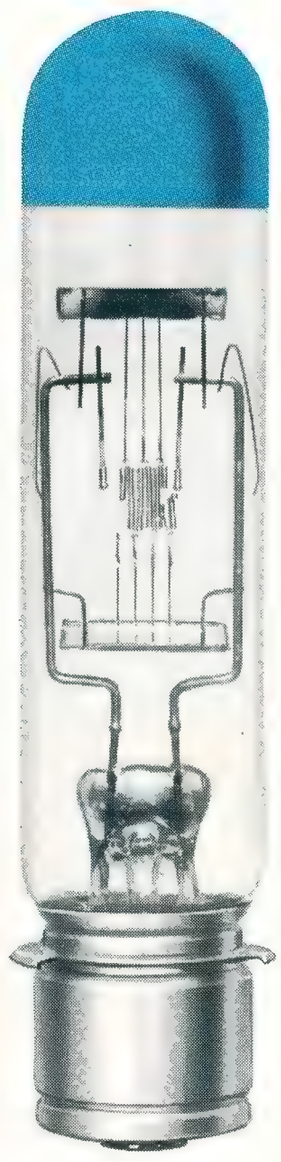
Leaker: A tiny leak in glass envelope has allowed air to enter the bulb. Milky, cloudy appearance identifies this condition.

normal burnouts

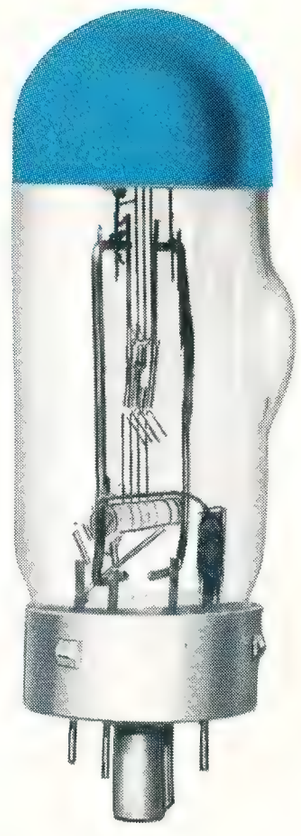


Normal life failure: Lamp has obviously served normal rated average life. Note the blackening on top of reflector and top of bulb. (If lamp has a blue top, look under the top for signs of blackening in an otherwise "new" lamp.)

Normal life failure: Lamp was designed to burn horizontally and the telltale blackening is on the side of the envelope, indicating a normal life.



Normal life failure: This shows another effect that can result from normal burning life—a blackened bridge.



Normal life failure: This lamp has blistered after it was used for a number of hours. Glass bridge (under blue top) will also be blackened, as previous example, indicating usage.

SYLVANIA movie lights superflood lamps

Sylvania movie lights give an excellent bright light source with the aid of an inside silver reflector. This enables the lamp to be used without an outside reflector assembly. The characteristics of Sylvania movie lights allow them to be used in many applications. They can be used on regular bar lights for movies and in studios for such applications as portrait lighting, special effects lighting, etc.

FAE—This new 550-watt movie light, with 18,000 axial beam candle power, is the brightest reflectorflood made. Color corrected at 3400°K to match Type A and universal color films, the 550-watt flood has a wide, 38° photo-effective zone.

To calculate exposure: with film speed of 40, use guide number of 33.

R-32—The most outstanding Long Life reflectorflood in use today. Its 3200° Kelvin color temperature rating makes it particularly suited for use with all types of color and black-and-white film. Light concentrated in 0°-25° photo-effective zone. Four lamps can be used safely on house circuit.

To calculate exposure: with film speed of 40, use guide number of 25.

R-34—The R-34 reflectorflood's color temperature of 3400°K matches that of Type A or universal color films. Light concentrated in 0°-20° photo-effective zone. Four lamps can be used safely on standard house circuit.

To calculate exposure: with film speed of 40, use guide number of 30.

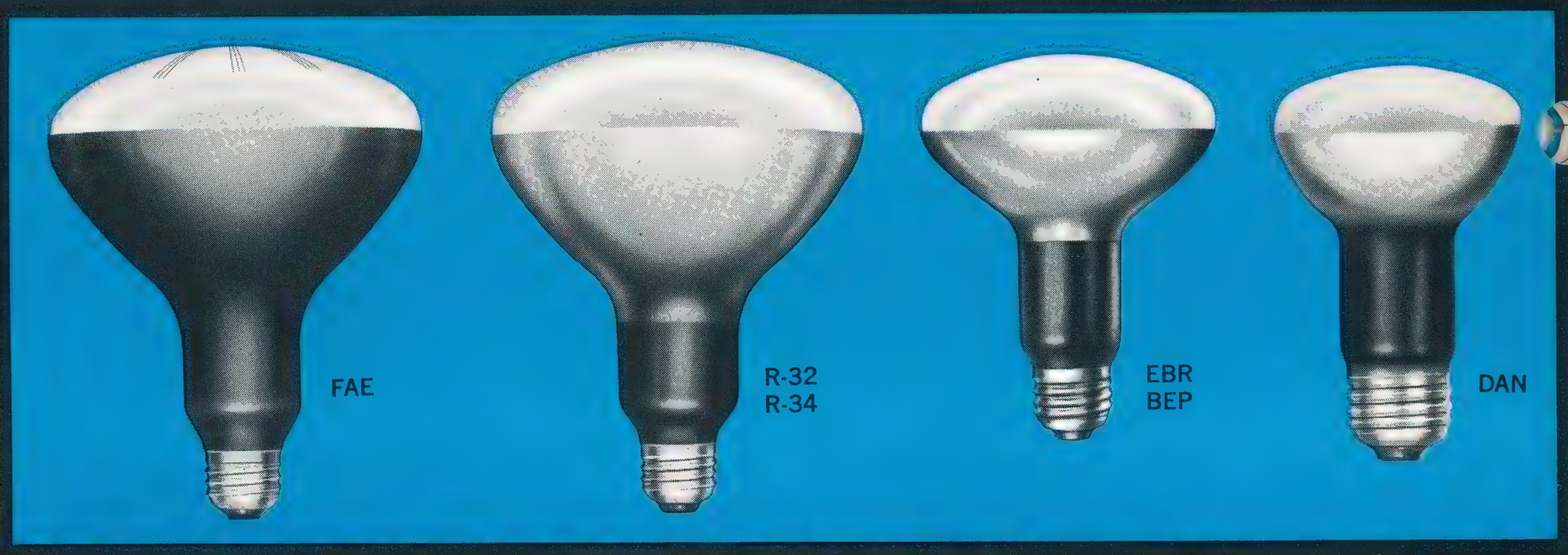
EBR/BEP/(R-30)—The EBR (R-30, 375 watts) and BEP (R-30, 300 watts) are miniature-type reflectorflood movie lights that pack all the light of bulbs far larger. The R-30s are fully color corrected at 3400°K to match Type A or universal color films. The R-30 socket is cooler burning and can be used in any ordinary household socket. Four lamps can be used safely on standard house circuits.

EBR: To calculate exposure: with film speed of 40, use guide number of 30.

BEP: To calculate exposure: with film speed of 40, use guide number of 27.

DAN/R-20—The DAN (R-20, 200 watts) is a subminiature movie light color corrected at 3400°K for use with Type A and universal color films. Particularly good for fill-in and back lighting when employing a multi-lamp set-up. Beam angle is 25° and the axial beam candlepower is 7500.

To calculate exposure: with film speed of 40, use guide number of 23.



Light output will vary greatly with small changes in voltage. Use of exposure meter is recommended whenever possible.

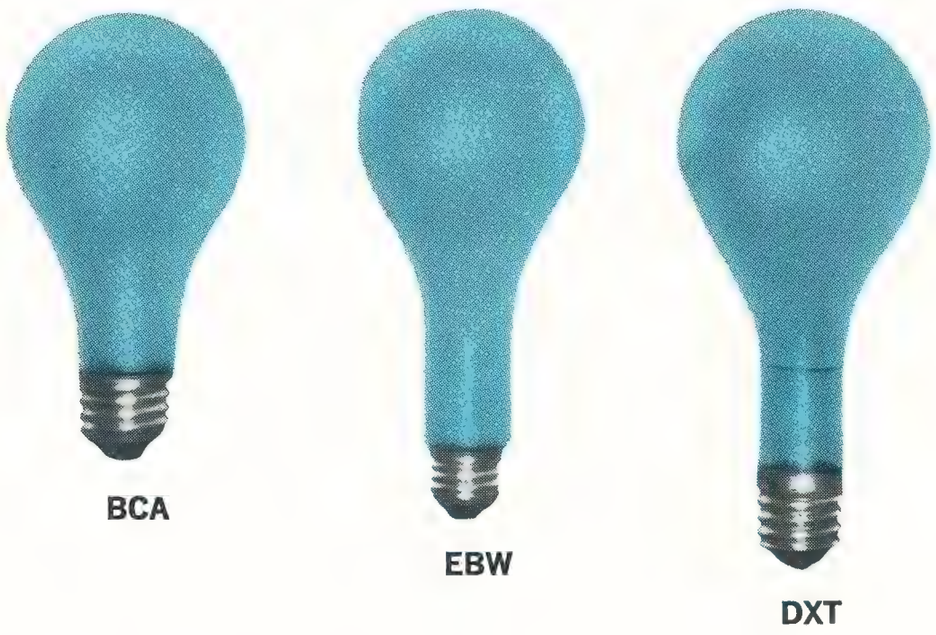
technical information:

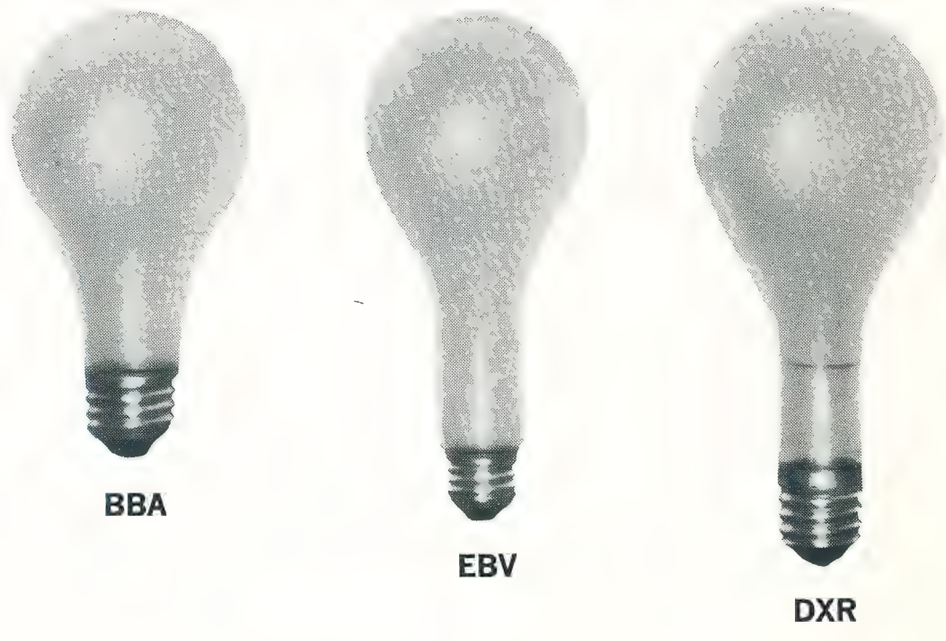
	ANSI Code	Type	Lamps Per Carton	Lamps Per Case	Lumens at 118V (approx.)	Volts	Approx. Watts at 118V	Amps.	Average Life at 118V	Base	Color Temp. at 118V
Movie Lights Reflectorfloods	DAN	R-20	2	—	7,500*	118	200	—	4	Medium	3400°K
	EBR	R-30	2	24	18,000*	118	375	3.3	4	Medium	3400°K
	BEP	R-30	2	24	16,000	118	300	3.1	4	Medium	3400°K
	DXH	R-32	2	12	13,900*	118	375	3.3	15	Medium	3200°K
	BFA	R-34	2	12	15,600*	118	375	3.3	4	Medium	3400°K
	FAE	R-40	2	—	18,000*	118	550	—	—	Medium	3400°K
	DWD	R-40	1	24	—	118	300	2.5	2000	Medium	2800°K
	DXC	R-40	1	24	6,500*	118	500	4.2	6	Medium	3400°K
Superfloods	BBA	#1 Flood	1	24	8,750	118	250	2.1	4	Medium	3400°K
	EBV	#2 Flood	1	24	17,500	118	500	4.2	8	Medium	3400°K
	DXR	#4 Flood	1	24	35,700	118	1000	8.4	10	Mogul	3400°K
	ECT	PS-25	1	24	13,650	118	500	4.2	60	Medium	3200°K
	DWC	R-40	1	24	—	118	150	1.3	2000	Medium	2800°K
Blue Superfloods	BCA	#B1 Flood	1	24	5,600	118	250	2.1	4	Medium	4800°K
	EBW	#B2 Flood	1	24	11,300	118	500	4.2	8	Medium	4800°K
	DXT	#B4 Flood	1	24	23,200	118	1000	8.4	10	Mogul	4800°K

*Rated Axial Beam Candle Power

SYLVANIA superflood lamps

Sylvania Superfloods are designed and manufactured under the most exacting quality control regulations. Sylvania Superfloods are made of scientifically treated glass which features an exceptionally even frosting. This frosting results in improved reflector efficiency and a more even light distribution, factors which mean greater satisfaction for the photographer.





#B1 Flood

BCA—A favorite among amateurs. Six can be used safely on regular household circuits. For use with daylight types of color film and black and white portraits for softer tones and more shadow detail (250 watts).

#B2 Flood

EBW—Used by commercial and professional photographers on location and in the studio for color and black and white portrait work. As many as 3 can be used safely on household circuit (500 watts).

#B4 Flood

DXT—For studio color work as backlighting, fill-in and main light. Ideal for black and white studio photos where soft tones are required. Use one lamp on each house circuit (1000 watts).

Exposure data will vary with the reflector used.
Exposure meter readings are required.

#1 Flood

BBA—A "must" among amateur still and movie fans because of its versatility. Equal to as much as 750 watts in standard lamps. Use as many as 6 safely on any household circuit (250 watts).

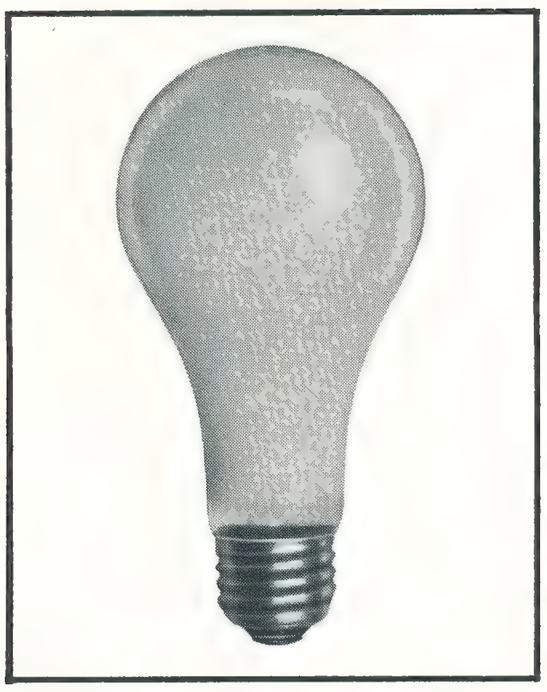
#2 Flood

EBV—Essential in commercial and professional studios for backlighting and fill-ins. Also favored by amateur portrait photographers for key lighting. Photographically equal to as much as 1500 watts in regular lighting. As many as 3 can be used safely on house circuits (500 watts).

#4 Flood

DXR—The Superflood No. 4 is recommended for all studio work. Photographically equal to as much as 2500 watts in standard lamps. Since this lamp draws over 8 amperes, it is recommended that not more than one lamp be used on any house circuit (1000 watts).

photocopy lamp



Sylvania C-300 (ANSI Code BAH)

This lamp may be used interchangeably with the BBA photoflood when color temperature is not important. Used in leading photo copy equipment, it offers faster, more uniform exposure, and a life 4-times longer than that of conventional lamps.

specifications:
Watts: 300
Volts: 115-120
Bulb: A-21
Base: Medium Screw
Burning Position: Any
Rated Average Life:
20 hrs. at 115V
Max OA Length: 5 5/16"
Color Temp: 3200°K.

SYLVANIA

darkroom lamps

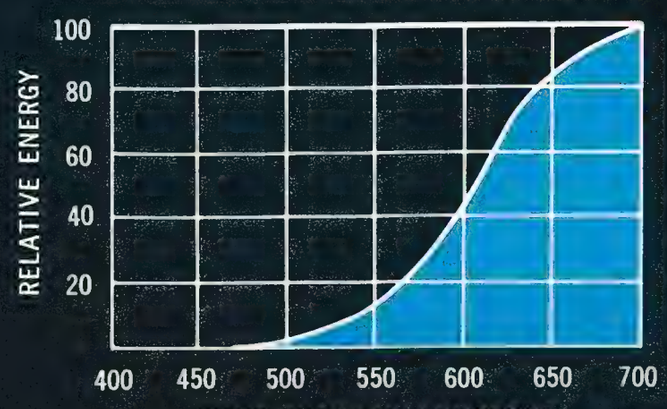
Darkroom Lamps—Natural ruby or amber, Sylvania's darkroom lamps will not pinhole, leak light, flake or scratch. The color is right in the glass; provides perfectly filtered light. Lamps operate on 105 to 125 volts. All medium-screw based.

Ruby Darkroom Lamps—for safe inspection of orthochromatic-type films and black-and-white paper prints during processing.

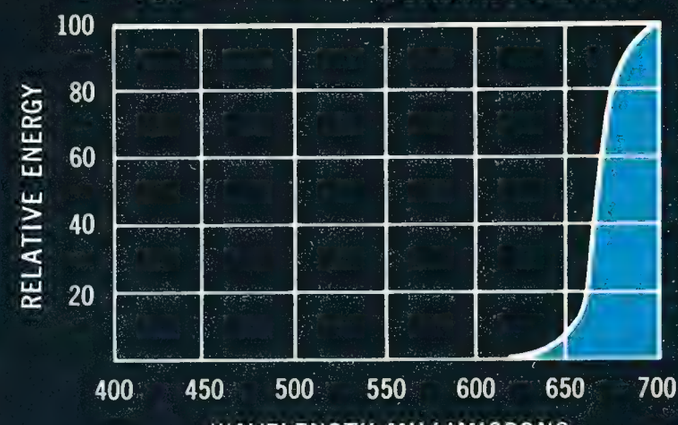
Amber Darkroom Lamps—for safe darkroom illumination during processing of black-and-white paper prints only.

Lamp Type	Voltage	Bulb Type	Bulb Finish	Filament Type	Base Type	Base Position
10 Watt Amber	120	S14	Dark Amber	C9	Med. Screw	Any
10 Watt Ruby	120	S14	Dark Ruby	C9	Med. Screw	Any
25 Watt Amber	120	A19	Dark Amber	C9	Med. Screw	Any
25 Watt Ruby	120	A19	Dark Ruby	C9	Med. Screw	Any

SPECTRAL ENERGY DISTRIBUTION
FOR NATURAL AMBER DARKROOM LAMPS



SPECTRAL ENERGY DISTRIBUTION
FOR NATURAL RUBY DARKROOM LAMPS



BPD

10 WATT
NATURAL DARK AMBER
Medium base. Rated average life of 1500 hours.

BPG

10 WATT
NATURAL DARK RUBY
Medium base. Rated average life of 1500 hours.

BAJ

25 WATT
NATURAL DARK AMBER
Medium base. Rated average life of 1000 hours.

BAS

25 WATT
NATURAL DARK RUBY
Medium base. Rated average life of 1000 hours.

SYLVANIA super-n-larger lamps

super-n-larger lamps

No. 211
75 watts. Med. base.
Average life 100 hours.

No. 212
150 watts. Med. base.
Average life 100 hours.

No. 300
150 watts. Med. base.
Average life 100 hours.

No. 300C
300 watts. Med. base.
Average life 20 hours.

No. 301
300 watts. Med. base.
Average life 100 hours.

No. 302
500 watts. Med. base.
Average life 100 hours.

No. FC-8T9/CW
22 watts. 4 Pin
Circleline base.
Average life 6000 hours.

Sylvania's Super-N-Larger lamps are designed to insure peak performance of all types of enlarging equipment. A special bonded coating produces scientifically exact lighting distribution without sacrifice of lamp brilliance. This white ceramic coating produces uniform light diffusion over the entire working surface, assuring clearer, sharper prints. Lamps operate on 105 to 125 volts; nominal voltage is 115.

technical information

Lamp No.	Wattage	Voltage	Bulb Type	Bulb Finish	Filament Type	Base Type	Burning Position	Rated Aver. Life*	Rated Lumens*	Approx. Color Temp.	Bulb Diameter (Inches)	Max. Overall Length (Inches)
211	75	115-125	A21	Med. White	C-9	Med. Screw	Any	100	1200	2950°K	2⅝	4 15/16
212	150	115-125	A21	Med. White	C-9	Med. Screw	Any	100	2850	2950°K	2⅝	4 15/16
300	150	115-125	PS30	Med. White	C-9	Med. Screw	Any	100	2700	3100°K	3¾	8 1/16
300C	300	115	A21	Med. White	C-9	Med. Screw	Any	20	7650	3200°K	2⅝	5 5/16
301	300	115-125	PS30	Med. White	C-9	Med. Screw	Any	100	6300	3125°K	3¾	8 1/16
302	500	115-125	PS30	Med. White	C-9	Med. Screw	Any	100	11,000	3150°K	3¾	8 1/16
FC-8T9/CW	22	110-125**	T9	Fluorescent	—	4-PinCircle line	Any	6000	990***	4500°K	—	—

*At 118 Volts **Lamp must be operated with suitable 22 Watt auxiliary equipment ***After 100 hours operation

new SYLVANIA rapid charge sun gun® movie light / model SG-77

This professional movie light is always ready to go! It's powered by a compact energy pack which can provide power for a full 10 minutes of shooting time (about 100 feet of film) and recharges in only 60 minutes on either AC or an automobile battery. With a second energy pack you can continue shooting while the first pack is recharging. A special beam selector permits adjusting the light from spot to flood even while shooting. Shoot anywhere, anytime . . . forget about outlets.

Portable — Powered by compact energy pack. Use it anywhere. No wall outlet to plug into. No cord to restrict your movement.

Rapid Charge — Energy pack can be fully recharged in only one hour.

Compact — Complete unit weighs only 3½ lbs. Energy pack clips on belt, fits in jacket pocket or hangs over the shoulder.

Safe Tungsten Halogen Lamp — Won't crack even if splashed with water while hot.

Easy Lamp Replacement — No tools required. Just pull out and replace with new lamp. Spare lamp stores in handle.

Fits Any Movie Camera — Universal mounting bracket for easy attachment.

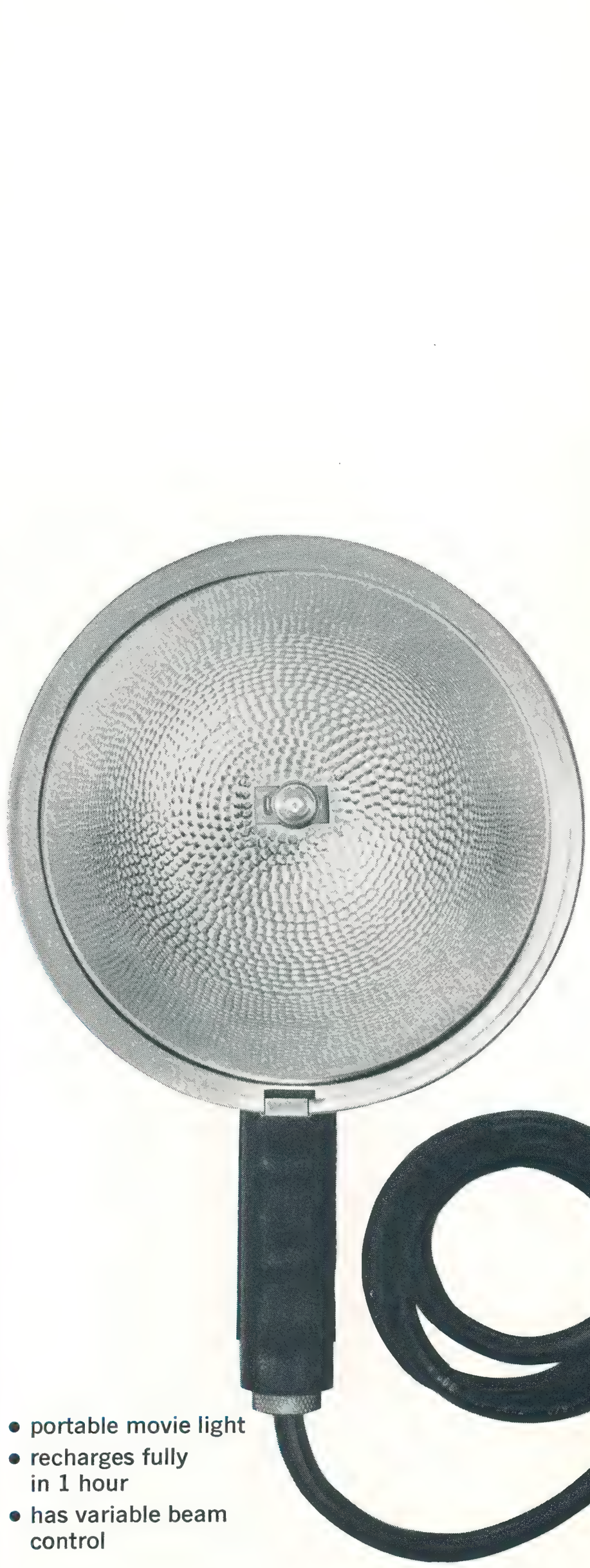
American-made and backed by Sylvania's standard of quality. Sylvania—the people who invented the Sun Gun®.

SG-77 System Contains:

- Rapid Charge Sun Gun Head with 150w Lamp
- Energy Pack
- Battery Recharger
- Universal Mounting Bracket
- Carrying Case

One hour charge

After a full 10 minutes' shooting, simply invert the energy pack and insert it into the recharger—which is included. Or, if you're on location, use accessory automobile charging cord which plugs into a car cigarette lighter.



- portable movie light
- recharges fully in 1 hour
- has variable beam control

new SYLVANIA rapid charge sun gun® movie light / model SG-77

Features of the Sylvania Rapid Charge Sun Gun®

Compact and portable

Forget about wall outlets and trailing cords. All it takes is a compact energy pack. You can clip it on your belt, put it in your jacket pocket or use it with the shoulder strap. Complete unit, including pack, weighs only 3½ lbs.

Variable beam light control

With the touch of a finger, the light beam can be "zoomed" from flood to spot. Spot setting is ideal for picking out individuals, or where maximum light intensity is required.

Interchangeable energy packs

Accessory spare energy pack makes it possible to start shooting again only seconds after the first pack is exhausted. This means no valuable lost footage.

EXPOSURE GUIDE FOR SG-77

Recommended F-stops are as follows
with ANSI 40 16 FRAMES/SECOND in spot position

FEET	4	6	8	10	12
	f/11.0	8.0	5.6	4.0	2.8

For flood position open 1 full F-stop larger.

Example: Using an indoor type color film with an ASA film index of 40 and with subject 12 feet from camera, set lens opening at *f*/2.8.

SPECIFICATIONS

Weight	3½ lbs., including energy pack (but not recharging unit)
Running Time	about 10 minutes when pack is fully charged
Light Output	15,000 center beam candle power at spot position 7,000 center beam candle power at flood position
Beam Angles	variable from 22° to 42°
Color Temperature	3400°K (for Type A color film)
Lamp	ANSI-EKT, 150 watts, two-pin base tungsten-halogen, rated average lamp life 30 hours in SG-77 system
Power Source	nickel cadmium energy pack
Reflector	optically designed specular finished anodized peened aluminum

ACCESSORIES

Spare Energy Pack	use while first pack is recharging
Dichroic Filter	converts light to daylight color balance
Automobile Charging Cord	permits charging from car generator by plugging into cigarette lighter receptacle

SYLVANIA PROJECTOR LAMPS

ANSI Lamp Code	Description	Voltage	Watts or Amps	Bulb	Base	Fila-ment	Approx. Hours Life	Light Center Lgth., Inch.	Max. Over-all Lgth., Inch.	Approx. Lumens	Color Temp. °K
BAH	Photo Copy—I.F.	115-120	300	A-21	Med.	C7A	20 @ 115V	....	5 5/16	....	3200
BAJ	Amber—Darkroom	115-125	25	A-19	Med.	C-9	1000	2½	3 15/16	....	....
BAK	75A/T5SCP/1—Exciter	4	.75A	T-5	S.C. Pf.	C-6	200	1⅛	2	30	....
BAS	Ruby—Darkroom	115-120	25	A-19	Med.	C-9	3000	....	3 15/16	....	....
BBA	Superflood—No. 1	115-120	250	A-21	Med.	C-9	4	3⅜	4 15/16	8750	3400
BCA	Superflood—No. B1 (Blue)	115-120	250	A-21	Med.	C-9	4	3⅜	4 15/16	6000	4800
BCK	Tungsten Halogen Projector Prox. RFL	120	500	T-6 Quartz	TruFocus	C-13D	50	1 9/16	3¼	....	3250
BCL	Tungsten Halogen Projector Prox. RFL	120	300	T-6 Quartz	TruFocus	C-13D	1000	1 9/16	3 3/16	....	2950
BEC	Projector	120	150	B-12	D.C. Bay	2 CC-8	25	1⅜	2⅝	3350	3100
BEH	Projector—Blue Top	120-125	150	T-10	TruFocus	2 CC-8	15	1 5/16	3⅛	3500	3150
BEJ	Projector	120	200	B-12	D.C. Bay	2 CC-8	25	1⅜	2⅝	4700	3150
BEP	Movie Light	120	300	R-30	Med.	C-9	4	....	5¼	....	3400
BFA	Movie Light	120	375	R-40	Med.	C-7A	4	....	6⅝	....	3400
BFT	75A/S8/SC—Exciter	4	.75A	S-8	S.C. Bay	C-6	50	1¼	2	28	....
BFX	75A/S8/SCP—Exciter	4	.75A	S-8	S.C. Pf.	C-6	50	1⅛	2	28	....
BGB/BGK	75A/S8/DCP—Exciter	4	.75A	S-8	D.C. Pf.	C-6	50	1⅛	2	28	....
BHB	Tungsten Halogen Proj. Dichroic RFL Focal Distance 2.59	120	250	T-3½ Quartz	Tru-Beam	CC-6	25	.625	1.867	....	3400
BHC	Tungsten Halogen Overhead Projector—Substitute for DYS, DYV	120	600	T-6 Quartz	2 Pin Pf.	CC-6	75	1.437	2.5	17,500	3200
BJW	Tungsten Halogen Minitru Beam Projector Focal Distance 2.5	12	35	T-3 Quartz	Vented	C-6	50	.625	1.60	....	....
BLC	Projector	115-125	30	S-11	D.C. Bay	CC-22V	50	1⅜	2⅜	400	2775
BPD	Amber—Darkroom Lamp	115-125	10	S-14	Med.	C-9	1500	2½	3½	....	....
BPG	Ruby—Darkroom Lamp	115-125	10	S-14	Med.	C-9	1500	2½	3½	....	....
BRD	75A/T5/SC—Exciter	4	.75A	T-5	S.C. Bay	C-6	50	1¼	2	30	....
BRK	75A/T5/1—Exciter	4	.75A	T-5	S.C. Pf.	C-8	50	1⅛	2⅜	30	....
BRN	Tungsten Halogen Proj. Prox. RFL	120	1200	T-7 Quartz	TruFocus	C-13D	20	1 9/16	3¾	....	3350
BRP	Tungsten Halogen Proj. Prox. RFL	120	750	T-7 Quartz	TruFocus	C-13D	50	1 9/16	3¾	....	3250
BRR	Tungsten Halogen Proj. Prox. RFL	120	1000	T-7 Quartz	TruFocus	C-13D	50	1 9/16	3¾	....	3250
BRS	75A/T5/SCP—Exciter	4	.75A	T-5	S.C. Pf.	C-6	50	1⅛	2	30	....
BRX	1A/T5/5—Exciter	6	1A	T-5	D.C. Pf.	C-6	100	1⅛	2	70	....
BSK	1A/T5/6—Exciter	6	1A	T-5	S.C. Pf.	C-6	100	1⅛	2	70	....
BSS/BSB	1A/T5/7—Exciter	6	1A	T-5	S.C. Pf.	C-8	100	1⅛	2⅜	70	....
BSW	20A/T5/SCP—Exciter	7	.20A	T-5	S.C. Pf.	C-8	50	1⅛	2⅜	....	....
BTA	Tungsten Halogen Proj.	120	1000	T-7 Quartz	2 Pin Pf.	C-13D	50	1¾	3½	25,200	3250
BTC	Tungsten Halogen Film Chain Proj.	120	1000	T-7 Quartz	D.C. Med. Ring	C-13D	50	3½	5¾	25,200	3250
BTD	20A/T5/2 DCP—Exciter	7	.20A	T-5	D.C. Pf.	C-6	50	1⅛	2	....	....
BTG	Tungsten Halogen Proj. for Professional Film Printer Replaces DBM	120	1200	T-7 Quartz	TruFocus	C-13D	20	1 9/16	3¾	38,200	3350
BVA	Tungsten Halogen Proj. Prox. RFL	120	900	T-7 Quartz	2 Pin Pf.	C-13D	75	1¾	3½	....	3250
BVB	Projector Blue Top Base Down	120	30	T-7	S.C. Bay	CC-2V	25	1⅜	2⅝	....	....
BVE	Tungsten Halogen Proj. Prox. RFL	120	625	T-6 Quartz	2 Pin Pf.	C-13D	75	1¾	3½	....	3350
BVN	Tungsten Halogen Proj. Prox. RFL	120	750	T-7 Quartz	TruFocus	C-13D	50	1¾	4	....	3250
BVR	Projector Blue Top Base Down	120	30	T-7	D.C. Bay	CC-2V	25	1⅜	2⅝	465	2860
BXB	4A/T8/86—Exciter	8.5	4A	T-8	S.C. Pf.	C-8	100	1⅝	3⅛	680	....
BXE	7.5A/T8/SCB—Exciter	10	7.5A	T-8	S.C. Bay	C-8	100	1¾	3⅛	....	....
CAD	Projector Prox. RFL Blue Top Base Down	120	75	T-10	TruFocus	2 CC-8	50	1 5/16	3⅛	....	....
CAL	Projector Prox. RFL Blue Top Base Down	120	300	T-10	TruFocus	C-13	25	1 9/16	4	....	....
CAL	Projector Prox. RFL Blue Top Base Down	125	300	T-10	TruFocus	C-13	25	1 9/16	4	....	....
CAR	Projector Prox. RFL Blue Top Base Down	120	150	T-10	TruFocus	2 CC-8	15	1 5/16	3⅛	3500	3150
CAR	Projector Prox. RFL Blue Top Base Down	125	150	T-10	TruFocus	2 CC-8	15	1 5/16	3⅛	3500	3150
CAV/CAS	Projector Blue Top Base Down	120	50	T-8	S.C. Bay	CC-13	50	1⅜	3⅛	810	2900

SYLVANIA PROJECTOR LAMPS

ANSI Lamp Code	Description	Voltage	Watts or Amps	Bulb	Base	Fila-ment	Approx. Hours Life	Light Center Lgth., Inch.	Max. Over-all Lgth., Inch.	Approx. Lumens	Color Temp. °K
CAW/CAX	Projector Blue Top Base Down	120	50	T-8	D.C. Bay	CC-13	50	1⅜	3⅛	....	....
CBA	Tungsten Halogen Proj. Ceramic Cap Prox. RFL	120	500	T-6 Quartz	TruFocus	C-13D	50	1¾	3⅝	....	....
CBF/DEL	Tungsten Halogen Proj. Ceramic Cap Prox. RFL	120	500	T-6 Quartz	TruFocus	C-13D	10	1¾	3⅝	....	3400
CBJ/CBC	Projector Blue Top Base Down	120	75	T-8	S.C. Bay	CC-13	50	1⅜	3⅛	1300	2950
CBX/CBS	Projector Blue Top Base Down	120	75	T-8	D.C. Bay	CC-13	50	1⅜	3⅛	1300	2950
CCM/CHD	Projector Blue Top Base Down	120	200	T-8	D.C. Bay	2 CC-8	25	1⅜	3⅝	4700	3150
CEL	Projector Blue Top Base Down	120	120	T-8	D.C. Bay	2 CC-8	200	1⅜	3⅛	1950	3000
CEM	Projector Blue Top Base Down	120	120	T-8	S.C. Bay	2 CC-8	200	1⅜	3⅛	1950	3000
CET/CHG	Projector Blue Top Base Down	120	200	T-8	D.C. Pf.	2 CC-8	25	1¼	3⅝	4700	3150
CEW/CFC	Projector Blue Top Base Down	120-125	150	T-8	S.C. Bay	2 CC-8	25	1⅜	3⅝	3500	3100
CGP/CFK	Projector Blue Top Base Down	120	150	T-8	D.C. Bay	2 CC-8	25	1⅜	3⅝	3500	3100
CGW/CGT	Projector Blue Top Base Down	120	200	T-8	S.C. Bay	2 CC-8	25	1⅜	3⅝	4700	3150
CHK	Projector Blue Top Base Down	120	150	T-8	S.C. Bay	2 CC-8	500	1⅜	3⅝	2995	2850
CLS/CLG	Projector Blue Top Base Down	120	300	T-8½	S.C. Bay	C-13	25	1⅜	4⅛	7750	3150
CLS/CLG	Projector Blue Top Base Down	125	300	T-8½	S.C. Bay	C-13	25	1⅜	4⅛	7750	3150
CLX/CMB	Projector Blue Top Base Down	120	300	T-8½	D.C. Bay	C-13	25	1⅜	4⅛	7750	3150
CMV/CMT	Projector Blue Top Base Down	125	300	T-3	S.C. Bay	C-13D	25	1⅜	4⅛	....	....
CSH	Projector Blue Top Base Down	120	150	T-10	TruFocus	2 CC-8	500	1 5/16	4	2295	2850
CTT/DAX	Proj. Blue Top Prox. RFL Base Down	120	1000	T-12 H.G.	TruFocus	C-13D	25	1 9/16	4⅝	....	3280
CTT/DAX	Proj. Blue Top Prox. RFL Base Down	125	1000	T-12 H.G.	TruFocus	C-13D	25	1 9/16	4⅝	....	3280
CVX/CVS	Proj. Studio Blue Top Base Down	120	200	T-10 H.G.	Med. Pf.	CC-13	50	2 3/16	5¾	4250	3100
CWA	Proj. Blue Top Prox. RFL Base Down	120	750	T-12 H.G.	TruFocus	C-13D	25	1 9/16	4⅝	....	3250
CWA	Proj. Blue Top Prox. RFL Base Down	125	750	T-12 H.G.	TruFocus	C-13D	25	1 9/16	4⅝	....	3250
CWD	Projector Blue Top Base Down	125	300	T-10	TruFocus	C-13	25	1 9/16	4	7750	3150
CXH	Proj. Blue Top Prox. RFL Base Down	230	300	T-10	TruFocus	CC-13	25	1 9/16	4	....	....
CXK	Projector Blue Top Base Down	120-125	300	T-10 H.G.	Med. Pf.	C-13	25	2 3/16	5¾	7200	3200
CXL	Proj. Internal RFL Blue Top Base Down	8	50	T-9½	S.C. Pf.	C-6	25	1.850	4	....	3200
CXN	Projection	8	50	T-9½	S.C. Pf.	C-6	100	1.850	3 25/32	....	....
CYC/CYM	Projector Blue Top Base Down	120-125	300	T-10	S.C. Bay	C-13	25	1⅜	3 3/16	7750	3150
CYK	Projector Blue Top Base Down	120	400	T-10 H.G.	TruFocus	C-13D	200	1 9/16	4 3/32	....	3100
CYS/DBH	Proj. Prox. RFL Blue Top Base Down	120-125	1200	T-12 H.G.	TruFocus	C-13D	10	1 9/16	4⅝	....	3350
CZA/CZB	Proj. Prox. RFL Blue Top Base Down	120	500	T-10	TruFocus	C-13D	25	1 9/16	4	....	3250
CZA/CZB	Proj. Prox. RFL Blue Top Base Down	125	500	T-10	TruFocus	C-13D	25	1 9/16	4	....	3250
CZG	Proj. Prox. RFL Blue Top Base Down	230	500	T-10	TruFocus	C-13D	25	1 9/16	4	....	3250
CZX/DAB	Projector Blue Top Base Down	120	500	T-10 H.G.	Med. Pf.	C-13D	25	2 3/16	5¾	12,750	3250
CZX/DAB	Projector Blue Top Base Down	125	500	T-10 H.G.	Med. Pf.	C-13D	25	2 3/16	5¾	12,750	3250
DAC	Projector Blue Top Base Down	120	150	T-10	TruFocus	C-13	500	1 9/16	4	....	3000
DAF	Proj. Blue Top Base Down (Low Volt Base)	120	300	T-10	TruFocus (Low Volt)	C-13	300	1 5/16	4	4600	3100
DAH	Proj. Blue Top Base Down to Horizontal Prox. RFL. Grid Over Pin 3	120	500	T-12 H.G.	TruFocus	C-13D	200	1¾	3 45/64	....	3100
DAK	Projector Blue Top Base Down	120	500	T-10	TruFocus	C-13D	25	1 9/16	4	13,200	3200
DAK	Projector Blue Top Base Down	125	500	T-10	TruFocus	C-13D	25	1 9/16	4	13,200	3200
DAN	Movie Light	120	200	R-20	Med. Screw	CC-6	4	....	3 15/16	....	3400
DAR	Projector Blue Top Base Down	120-125	500	T-10 H.G.	B & H Small Ring	C-13D	25	2 5/16	5½	12,750	3250
DAT	Projector Blue Top Base Down	120	400	T-10	TruFocus	C-13D	25	1 9/16	4	....	3200
DAY	Projector Blue Top Base Down	125	500	T-10 H.G.	TruFocus	C-13D	30	1 9/16	4 3/32	13,200	3200
DBJ	Proj. Blue Top Base Down to Horizontal	120	500	T-12	Locking 4 Pin	C-13D	25	1¾	3⅞	13,200	3200
DBS	Projector Blue Top Base Down	230	500	T-10	TruFocus	C-13D	25	1 9/16	4	....	3150
DCA	Tru-Flector Blue Top Base Down Focal Distance 1¾	21.5	150	T-12	TruFocus	CC-6	10	1 9/16	3 9/16	....	....
DCB	Proj. Base Down to Horizontal Prox. RFL	120	300	T-12	TruFocus	C-13D	300	1 9/16	3 9/16	....	2950

SYLVANIA PROJECTOR LAMPS

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DCF	Dichroic Tru-Flector B.D. Focal Distance 2¼	21.5	150	T-12	TruFocus	CC-6	10	1 9/16	3 3/16	....	3150
DCH	Tru-Flector Base Down Focal Distance 2¼	120	150	T-12	TruFocus	CC-6	15	1 9/16	3 9/16	....	3150
DCH	Tru-Flector Base Down Focal Distance 2¼	125	150	T-12	TruFocus	CC-6	15	1 9/16	3 9/16	....	3150
DCL	Dichroic Tru-Flector Base Down Focal Distance 2¼	120	150	T-12	TruFocus	CC-6	15	1 9/16	3 9/16	....	3250
DCR	Tru-Flector Base Down Focal Distance 2¼	21.5	150	T-12	TruFocus	CC-6	10	1 9/16	3 3/16	....	3250
DCW	Proj. Prox. RFL Blue Top Base Down to Horiz.	24	150	T-12	TruFocus	C Bar 8	50	1 5/16	3 3/16	....	3300
DDA	Proj. Prox. RFL Blue Top Base Down to Horiz.	24	150	T-12	TruFocus	C Bar 8	18	1 5/16	3	....	....
DDB/DDW	Projector Blue Top Base Down	120-125	750	T-12 H.G.	Med. Pf.	C-13D	25	2 3/16	5¾	20,100	3275
DDY	Projector Blue Top Base Down	120	750	T-12 H.G.	Med. Pf.	C-13D	200	2 3/16	5¾	18,000	3150
DEC	Projector Base Up	120	750	T-12 H.G.	D.C. Med. Ring	C-13D	25	3½	5⅞	20,100	3275
DEF	Dichroic Tru-Flector Blue Top B.D. Focal Distance 1¾	21.5	150	T-12	TruFocus	CC-6	10	1 9/16	3½	....	3250
DEJ	Projector Blue Top Base Down	120-125	750	T-12 H.G.	B & H Large Ring	C-13D	25	2 5/16	5½	20,100	3275
DEK/DFW	Proj. Prox. RFL Blue Top Base Down to Horiz.	120	500	T-12 H.G.	TruFocus	C-13D	25	1¾	3½	....	3200
DEK/DFW	Proj. Prox. RFL Blue Top Base Down to Horiz.	125	500	T-12 H.G.	TruFocus	C-13D	25	1¾	3½	....	3200
DEP/DGR	Projector Blue Top Base Down	120	750	T-12	TruFocus	C-13D	25	1 9/16	4⅝	20,100	3275
DFA	Tru-Flector Blue Top Base Down Focal Distance 1¾	120-125	150	T-12	TruFocus	CC-6	15	1 9/16	3 9/16	....	3200
DFD	Projector Blue Top Base Down	120-125	1000	T-12 H.G.	Med. Pf.	C-13D	10	2 3/16	5¾	31,000	3325
DFE	Tru-Flector Horizontal Focal Dist. 2¼	30	80	T-12	TruFocus	CC-8	15	1 9/16	3 3/16	....	....
DFF	Proj. Blue Top Base Down Prox. RFL	120	150	T-12	TruFocus	2 CC-8	500	1 5/16	3 1/32	....	2850
DFG	Tru-Flector Blue Top Base Down Focal Distance 1¾	120	150	T-12	TruFocus	CC-6	15	1 9/16	3 9/16	....	....
DFK	Projector Blue Top Base Down	120-125	1000	T-12 H.G.	B & H Large Ring	C-13D	10	2 5/16	5½	31,000	3325
DFN/DFC	Tru-Flector Horizontal Focal Distance 2¼	120	150	T-12	TruFocus	CC-8	15	1 9/16	3 3/16	....	3200
DFN/DFC	Tru-Flector Blue Top Horizontal Focal Distance 2¼	125	150	T-12	TruFocus	CC-8	15	1 9/16	3 3/16	....	3200
DFR	Proj. Blue Top Prox. RFL Base Down to Horizontal	120	500	T-12	Locking 4 Pin	C-13D	25	1¾	3⅞	....	....
DFT	Projector Blue Top Base Down	120-125	1000	T-12 H.G.	Med. Pf.	C-13D	25	2 3/16	5¾	28,000	3280
DFY	Projector Blue Top Base Down	120-125	1000	T-12 H.G.	B & H Large Ring	C-13D	25	2 5/16	5½	28,000	3250
DFZ	Dichroic Tru-Flector Horizontal Focal Dist. 1¾	30	80	T-12	TruFocus	CC-8	15	1 9/16	3¼	....	....
DGA	Proj. Blue Top Base Down to Horizontal	120-125	300	T-10	TruFocus	C-13	25	1¾	4	7750	3150
DGB	Tru-Flector Base Down Focal Dist. 2¼	30	80	T-12	TruFocus	CC-6	15	1 9/16	3 9/16	....	....
DGF	Projector Blue Top Horizontal	120	500	T-12	TruFocus	C-13D	25	1¾	4	13,200	3250
DGH	Bowling Score Proj. Blue Top Base Down	120-125	750	T-12 H.G.	Med. Pf.	C-13D	500	2 3/16	5¾	16,000	3050
DGS	Projector Base Up	120	1000	T-12 H.G.	D.C. Med. Ring	C-13D	10	3½	5⅞	31,000	3325
DHN	Proj. Blue Top Prox. RFL Base Down to Horizontal	120	500	T-12	TruFocus	C-13D	25	1¾	3¾	....	3200
DHT	Proj. (and Studio) Blue Top Base Down	120	1200	T-12 H.G.	Med. Pf.	C-13D	10	2 3/16	5¾	38,200	3350
DJA/DFP	Tru-Flector Base Down Focal Distance 2¼	120	150	T-12	TruFocus	CC-6	15	1 9/16	3 9/16	....	....
DJH	Proj. Blue Top Base Down to Horizontal	120	500	T-12 H.G.	TruFocus	C-13D	200	1¾	3¾	10,000	3200
DJL	Tru-Flector Horizontal Focal Dist. 1¾	120	150	T-14	TruFocus	CC-8	15	1 9/16	3 3/16	....	....
DJP	Projection	21.5	250	T-14	TruFocus—4 Pin	CC-6	25	1 9/16	3¼	....	3250
DJR	Proj. Blue Top Prox. RFL Base Down to Horizontal	12	100	T-12	TruFocus	C Bar 8	50	1 5/16	3 3/16	....	....
DJS	Projection	6	30	T-12	TruFocus	C-8	2500	1 9/16	3½	....	2700
DKK	Projector Blue Top Base Down	230	750	T-12 H.G.	Med. Pf.	C-13D	25	2 3/16	5¾	18,300	3150
DKM	Dichroic Tru-Flector Blue Top B.D. Focal Distance 2 1/16	21.5	250	T-14	TruFocus	CC-6	25	1 9/16	3 15/16	....	....
DKN	Parabolic Tru-Flector Blue Top B.D. to Horizontal	6	35	T-12	TruFocus	C-6	500	1 9/16	3½	....	....
DKP	Dichroic Tru-Flector Blue Top B.D. Focal Distance 2.65	21.5	250	T-14	TruFocus	CC-6	25	1 9/16	3 15/16	....	....
DKR	Dichroic Tru-Flector Base Down Focal Distance 1.56	21.5	150	T-14	TruFocus	CC-6	10	1 9/16	3⅜	....	....
DLD	Tru-Flector Proj. Base Down Focal Distance 1¾	30	80	T-14	TruFocus	CC-6	15	1 9/16	3⅜	....	....
DLE	Dichroic Tru-Flector Base Down Focal Distance 1¾	30	80	T-14	TruFocus	CC-6	15	1 9/16	3⅛	....	....
DLG	Tru-Flector Horizontal Focal Dist. 1¾	21.5	150	T-14	TruFocus	CC-8	10	1 9/16	3⅜	....	....
DLH	Dichroic Tru-Flector Blue Top Horizontal Focal Distance 1¾	120	250	T-14	TruFocus	CC-8	15	1 9/16	3⅜	....	....

SYLVANIA PROJECTOR LAMPS

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DLR	Dichroic Tru-Flector Blue Top Base Down Focal Distance 2 1/16	21.5	250	T-14	TruFocus	CC-6	10	1 9/16	3 15/16	....	....
DLS/DHX	Dichroic Tru-Flector Horizontal Focal Distance 1¾	21.5	150	T-14	TruFocus	CC-8	10	1 9/16	3⅜	....	....
DMH	Dichroic Tru-Flector Base Down Focal Distance 2¼	120	250	T-14	TruFocus	CC-6	15	1 9/16	3⅞	....	....
DMS	Projector Base Down	120	500	T-20 H.G.	Med. Screw	C-13	50	3	5½	13,200	3200
DMX	Projector Studio Base Down	120	500	T-20 H.G.	Med. Pf.	C-13	50	2 3/16	5¾	13,200	....
DNE	Tungsten Halogen Dichroic Tru-Beam	120	150	T-3½ Quartz	Tru-Beam	....	12	⅝	2	....	....
DNF	Tungsten Halogen Dichroic Tru-Beam	21.0	150	T-3 Quartz	Tru-Beam	....	25	⅝	2	....	....
DPY	Tungsten Halogen Studio Lamp	120	5000	T-17	Mog. Bi Post	C-13	500	6½	11	143,000	3200
DRC/DRB	Projector Base Down	120	1000	T-20 H.G.	Med. Pf.	C-13	50	2 3/16	5¾	28,000	3280
DRS	Projector Base Down	120-125	1000	T-20 H.G.	Med. Pf.	C-13D	25	2 3/16	5¾	30,000	3300
DSE	Tungsten Halogen Studio Frosted B.U. to 45°	120	1000	T-20 H.G.	Mog. Screw	CC-8	500	9½	12	23,500	3050
DSF	Tungsten Halogen Studio Frosted B.U. to 45°	120	1500	T-20 H.G.	Mog. Screw	CC-8	500	9½	12	40,000	3200
DSW	Dichroic Tru-Flector B.D. to Horizontal	24	200	T-14	TruFocus	CC-8	25	1 9/16	3 7/16	....	....
DTA	Tungsten Halogen Studio	120	1500	T-8 Quartz	Mogul PreFocus	C-13D	100	3 7/16	6⅝	39,000	3200
DTY	Tungsten Halogen Studio	120	10,000	T-24 Quartz	Mog. Bi Post	C-13	300	10	15	290,500	3200
DVT	Tungsten Halogen Proj. Prox. RFL	220	500	T-6 Quartz	TruFocus	C-13D	50	1 9/16	3½	....	3200
DVY	Tungsten Halogen Sun Gun	120	650	G-6 Vycor	2 Pin Miniature	CC-6	25	1 7/16	2½	20,500	3400
DWC	Superflood Movie Light	120	150	R-40	Med. Screw	CC-6	2000	....	6½	....	2800
DWD	Movie Light	100	300	R-40	Med. Screw	CC-2V	2000	....	6½	....	2800
DWT	Tungsten Halogen Studio Same as 1000T6Q/CL	120	1000	T-6 Quartz	RSC	CC-8	2000	....	5⅝	22,000	3000
DWW	Tungsten Halogen Overhead Projector	120	460	T-4 Quartz	RSC	CC-8	10	....	2⅝	15,000	3400
DWY	Sun Gun Tungsten Halogen	120	650	T-4 Vycor	RSC	CC-8	25	....	3⅛	20,000	3400
DWZ	Tungsten Halogen Bowling Score Projector	30	375	T-4 Quartz	RSC	CC-8	1500	....	1½	6,500	2950
DXC	Superflood Ph/RFL-2 Movie Light	120	500	R-40	Med. Screw	C-9	6	....	6⅝	6,500 CP	3400
DXH	R-32 Reflector Superflood Movie Light	120	375	R-32	Med. Screw	C-9	15	....	6½	Center Beam CP 13,900	3200
DXM	Tungsten Halogen Sun Gun	30	250	T-3 Vycor	RSC	CC-8	12	....	2⅜	8,400	3400
DXN	Tungsten Halogen Studio Projector Sun Gun	120	1000	T-5 Quartz	RSC	CC-8	30	....	3¾	33,500	3400
DXR/DXS	Photoflood Ph/4 Inside Frost	115-120	1000	PS-35	Mog. Screw	C-7A	10	7	9⅜	33,000	3400
DXT	Photoflood Ph/B4 Blue Frosted	115-120	1000	PS-35	Mog. Screw	C-7A	10	7	9⅜	31,000	4800
DXV	Sun Gun	240	800	T-4	RSC	CC-8	16	1.580	3.160	22,000	3400
DXW	Tungsten Halogen Studio Sun Gun	120	1000	T-5 Quartz	RSC	CC-8	150	....	3¾	28,000	3200
DXX	Tungsten Halogen Sun Gun Professional	240	800	T-4 Quartz	RSC	CC-8	50	....	3⅛	20,500	3200
DYA	Tungsten Halogen Studio Sun Gun Proj.	120	1000	T-5 Quartz	RSC	CC-8	200	....	4⅜	28,000	3200
DYH	Tungsten Halogen Overhead Projector	120	600	G-6 Vycor	2 Pin Miniature	CC-6	75	1 7/16	2½	17,000	3200
DYP	Tungsten Halogen Overhead Projector	120	600	G-6 Vycor	2 Button	CC-6	75	.863	2⅜	17,500	3200
DYS	Tungsten Halogen Overhead Projector	120	600	G-6 Vycor	2 Pin Pf.	CC-6	75	1 7/16	2⅝	17,500	3200
DYT	Tungsten Halogen Projector	19	80	T-3 Quartz	2 Pin Miniature	CC-6	25	1 1/16	1 27/32	2600	3400
DYV	Tungsten Halogen Overhead Projector	120	600	G-6 Vycor	2 Pin Pf.	CC-6	75	1 7/16	2⅝	17,500	3200
DYY/EGH	Tungsten Halogen Overhead Projector	120	500	G-6 Vycor	TruFocus	CC-6	50	1 9/16	3⅛	13,000	....
DZD	Tungsten Halogen Studio	120	1000	T-6 Quartz	Med. Bi Post	CC-8	400	4	6 9/16	25,500	3200
DZE	Tungsten Halogen Projector	24	150	T-4 Quartz	2 Pin Pf.	C Bar 6	100	1 5/16	2¼	4000	3300
DZG	Tungsten Halogen Proj. TV Film Chain	120	500	T-6 Quartz	D.C. Med. Ring	C-13D	100	3½	5½	....	3200
DZM	Tungsten Halogen Projector	24	250	T-4 Vycor	2 Pin Pf.	C Bar 6	50	1 5/16	2⅜	8000	3400
DZN	Tungsten Halogen Minitru-Beam Dichroic RFL Focal Distance 3.085	120	150	T-3¼ Quartz	Tru-Beam—4 Pin	CC-6	18	.625	2	....	3350
DZP	Tungsten Halogen Tru-Beam Dichroic RFL Focal Distance 2.84	30	50	T-3 Quartz	Tru-Beam	CC-6	150	.625	....	....	....
DZT	Tungsten Halogen Projector Prox. RFL	100	625	T-6 Quartz	Polarized 2 Pin	C-13D	75	1¾	3½	....	....
DZV	Tungsten Halogen Projector Prox. RFL	220 240	625	T-7 Quartz	2 Pin Pf.	C-13D	75	1¾	3½	....	3250

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DZW	Projection	120	150	T-3	Tru-Beam—2 Pin	CC-6	100	.625	2	....	3250
DZZ	Microfilm	12	100	T-4	2 Pin Pf.	C-6	1000	1 1/16	2 1/4	2500	3050
EAL	Reflector Flood Movie Light	120	500	R-40	Medium	C-2V	15	....	....	8200 CP	3200
EBR	Photoflood Movie Light	120	375	R-30	Med. Screw	CC-2V	4	....	5 1/4	14,000 CP	3400
EBV	Superflood No. 2 Inside Frost	115-120	500	PS-25	Med. Screw	C-9	8	....	6 15/16	17,000	3400
EBW	Superflood No. 2 Blue Inside Frost	115-120	500	PS-25	Med. Screw	C-9	8	....	6 15/16	11,400	4800
ECT	Superflood Inside Frost	120	500	PS-25	Med. Screw	C-9	60	....	6 15/16	13,650	3200
ECY	Studio Flood Low Noise Construction Same as 1500PS52/78	120	1500	PS-52	Mog. Screw	C-7A	100	9 1/2	13 1/16	41,000	3200
EDK	Projector Blue Top Base Down	120	500	T-10	S.C. Bay	C-13D	25	1 5/8	4 1/8	13,200	3250
EET	Tungsten Halogen Tru-Beam Dichroic RFL Focal Distance 3.6	12.8	35	T-3 Quartz	Tru-Beam	CC-6	100	.625	2	....	3200
EEV	Tungsten Halogen Dichroic RFL Focal Distance 3.085	21	150	T-3 Quartz	Tru-Beam	CC-6	25	.625	....	....	....
EFM	Projection	8	50	T-3 1/2	2 Pin	C-8	50	....	1.654	....	....
EFN	Projection	12	75	T-3 1/2	2 Pin	C-8	50	....	1.654	....	....
EFP	Projection	12	100	T-3 1/2	2 Pin	C-8	50	....	1.654	....	....
EFR	Projection	15	150	T-3 1/2	2 Pin	C-8	50	....	1.654	....	....
EEX	Tungsten Halogen Film Chain Proj. Base Up	120	300	T-6 Quartz	Med. PreFocus	C-13	50	2 3/16	4 3/4	7200	3200
EFX	Tungsten Halogen Studio	120	500	T-4 Quartz	Med. Bi Post	CC-8	2000	4	6 1/2	10,000	3000
EFY	Studio Flood Frosted Same as 1500PS52/79	120	1500	PS-52	Mog. Screw	C-7A	100	9 1/2	13 1/16	41,000	3200
EGC/EGD	Tungsten Halogen Studio	120	500	T-4 Quartz	Med. PreFocus	CC-8	300	3 1/2	5 1/2	13,000	3200
EGE	Tungsten Halogen Studio	120	500	T-4 Quartz	Med. PreFocus	CC-8	2000	3 1/2	5 1/2	10,000	3000
EGF	Tungsten Halogen Studio	120	750	T-5 Quartz	Med. PreFocus	CC-8	250	3 1/2	5 1/2	20,000	3200
EGG	Tungsten Halogen Studio	120	750	T-5 Quartz	Med. PreFocus	CC-8	2000	3 1/2	5 1/2	15,000	3000
EGH	Tungsten Halogen Projector	120	500	T-6 Quartz	TruFocus	C-13D	50	1 9/16	3 1/4	11,900	3250
EGH	Tungsten Halogen Projector	135	500	T-6 Quartz	TruFocus	C-13D	50	1 9/16	3 1/4	11,900	3250
EGJ	Tungsten Halogen Studio	120	1000	T-6 Quartz	Med. PreFocus	CC-8	400	3 1/2	5 3/4	25,500	3200
EGK	Tungsten Halogen Studio Frosted EGJ	120	1000	T-6 Quartz	Med. PreFocus	CC-8	400	3 1/2	5 3/4	24,500	3200
EGN	Tungsten Halogen Studio	120	500	T-6 Quartz	Med. Bi Post	C-13D	100	2 1/2	4 5/8	13,000	3200
EGR	Tungsten Halogen Studio	120	750	T-7 Quartz	Med. Bi Post	C-13D	200	2 1/2	4 3/4	20,000	3200
EGT	Tungsten Halogen Studio	120	1000	T-7 Quartz	Med. Bi Post	C-13D	200	2 1/2	4 3/4	27,500	3200
EGX	Tungsten Halogen TruFocus, Prox. RFL Ceramic Cap	120	500	T-6 Quartz	TruFocus	C-13D	200	1 3/4	3 5/8	....	....
EGZ	Tungsten Halogen Projector Prox. RFL	120	500	T-6 Quartz	2 Pin Pf.	C-13D	100	1 7/16	3	....	....
EHA	Tungsten Halogen Projector Prox. RFL	120	500	T-6 Quartz	2 Pin Pf.	C-13D	75	1 7/16	3	11,900	3250
EHC/EHB	Tungsten Halogen Studio	120	500	T-4 Quartz	Med. 2 Pin	CC-8	200	2 3/8	3 3/4	13,000	3200
EHD	Tungsten Halogen Studio	120	500	T-4 Quartz	Med. 2 Pin	CC-8	2000	2 3/8	3 3/4	10,000	3000
EHF	Tungsten Halogen Studio	120	750	T-5 Quartz	Med. 2 Pin	CC-8	300	2 3/8	4	20,000	3200
EHG	Tungsten Halogen Studio	120	750	T-5 Quartz	Med. 2 Pin	CC-8	2000	2 3/8	4	15,000	3000
EHM	Tungsten Halogen Studio Burn Horizontal (300T2 1/2Q/CL)	120	300	T-2 1/2 Quartz	RSC	CC-8	2000	....	4 11/16	6000	3000
EHP	Tungsten Halogen Studio (300T4Q/CL)	120	300	T-4 Quartz	RSC	CC-8	2500	....	3 1/8	5000	3000
EHR	Tungsten Halogen Studio (400T4Q/CL)	120	400	T-4 Quartz	RSC	CC-8	2000	....	3 1/8	7500	3000
EHS	Tungsten Halogen Studio (1000T6Q/CL/1)	120	1000	T-6 Quartz	RSC	CC-8	500	....	5 3/8	28,000	3100
EHT	Tungsten Halogen Studio (250Q/CL)	120	250	T-4 Quartz	Mini Can	CC-8	2000	1 5/8	3 1/8	5000	3000
EHV	Tungsten Halogen Studio (325Q/CL)	120	325	T-4 Quartz	Mini Can	CC-8	500	1 5/8	3 1/8	7800	3100
EHX	Tungsten Halogen Studio (300T4Q) Frosted EHP	120	300	T-4 Quartz	RSC	CC-8	2500	....	3 1/8	4700	3000
EHZ	Tungsten Halogen Studio Burn Horizontal Frosted EHM	120	300	T-2 1/2 Quartz	RSC	CC-8	2000	....	4 11/16	4700	3000
EJA	Tungsten Halogen Rim Mount Dichroic RFL Focal Dist. 1.1	21	150	T-3 Quartz	Rim Mount	CC-6	40	....	1 3/4	....	3400
EJG	Tungsten Halogen Studio Burn Horizontal ± 4°	120	750	T-3 Quartz	RSC	CC-8	400	....	4 11/16	19,800	3200

SYLVANIA PROJECTOR LAMPS

ANSI Lamp Code	Description	Voltage	Watts or Amps	Bulb	Base	Fila-ment	Approx. Hours Life	Light Center Lgth., Inch.	Max. Over-all Lgth., Inch.	Approx. Lumens	Color Temp. °K
EJL	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.250	24	200	T-3 Quartz	Rim Mount	CC-6	25	....	1¾	....	3400
EJM	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.5	21	150	T-3 Quartz	Rim Mount	CC-6	40	....	1¾	....	3400
EJN	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 2.00	21	150	T-3 Quartz	Rim Mount	CC-6	40	....	1¾	....	3400
EJV	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.75	21	150	T-3 Quartz	Rim Mount	CC-6	40	....	1¾	....	3400
EKD	Tungsten Halogen Projector	120	650	G-6 Vycor	2 Pin Pf.	CC-6	25	17/16	2⅝	20,000	3400
EKE	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.75	21	150	T-3 Quartz	Rim Mount	CC-6	200	....	1¾	....	3300
EKK	Tungsten Halogen Projector	120	250	T-4 Quartz	2 Pin Min.	2 CC-8	1000	1¾	3.0	4700	3000
EKG	Tungsten Halogen Rim Mount Dichroic Reflector Focal Distance 1¾	19	80	T-3½ Quartz	Special 2 Pin	CC-6	25	....	....	....	....
EKN	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.5	17.7	120	T-3 Quartz	Special 2 Pin	CC-6	120	....	1¾	....	3250
EKP/ENA	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.75	30	80	T-3 Quartz	Rim Mount	CC-6	25	....	1¾	....	3250
EKT	Tungsten Halogen Sun Gun	10.5	150	T-4 Quartz	Special 2 Pin	C-8	30	1¼	2¼	4000	3400
ELB	Tungsten Halogen Rim Mount Focal Dist. 1.14	30	80	T-3 Quartz	Rim Mount	CC-6	15	....	1¾	....	....
ELC	Tungsten Halogen Rim Mount Focal Dist. 1.25	24	250	T-3 Quartz	Rim Mount	CC-6	25	....	1¾	....	3400
ELE	Tungsten Halogen Proj. Dichroic RFL Focal Distance 3.085	30	80	T-3 Quartz	Tru-Beam	CC-6	20	⅝	1⅝	....	3400
ELH	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 5.6	120	300	T-3½ Quartz	Rim Mount	CC-8	35	....	1¾	....	....
ELR	Tungsten Halogen Proj. Dichroic RFL Focal Distance 8.062	16	50	T-3 Quartz	Tru-Beam	CC-6	250	⅝	1⅝	....	....
ELS	Tungsten Halogen Tru-Beam Proj. Focal Dist. 8	16	50	T-3 Quartz	Tru-Beam	CC-6	650	.625	1⅝	....	3100
ELT	Tungsten Halogen Tru-Beam Proj. Aluminized Focal Distance 3¼	30	80	T-3 Quartz	Tru-Beam	CC-6	25	.625	1⅝	....	3200
ELV	Tungsten Halogen Tru-Beam Focal Distance 2.72	21.5	150	T-3 Quartz	Tru-Beam	CC-6	100	.625	1⅞	....	3300
ELZ	Tungsten Halogen Tru-Beam Proj. Focal Dist. 2.72	21	150	T-3 Quartz	Tru-Beam	CC-6	60	.625	1⅞	....	3300
EMB	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.75	21	150	T-3 Quartz	Rim Mount	CC-6	25	....	1¾	....	3400
EMG	Tungsten Halogen Proj. Prox. RFL	220	500	T-6 Quartz	2 Pin Pf.	C-13D	75	17/16	3	....	....
EMH	Tungsten Halogen Projector	17.5	75	T-3 Quartz	Min. 2 Pin	CC-6	300	11/16	1¾	1750	3150
EMM/EKS	Tungsten Halogen Mini Tru-Beam Focal Dist. 2.59	24	250	T-3½ Quartz	Tru-Beam	CC-6	50	⅝	1⅞	....	3400
ENB	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.75	21.5	150	T-3 Quartz	Rim Mount	CC-6	100	....	1¾	....	3300
ENV	Tungsten Halogen Proj. Dichroic RFL Focal Distance 3.085	21	80	T-3 Quartz	Tru-Beam	CC-6	20	⅝	19/16	....	....
ENW/ENC	Projection	19	80	MA16	2 Pin	CC-6	200	....	1.850	....	3200
ENZ	Tungsten Halogen Rim Mount Dichroic RFL Focal Distance 1.14	30	50	T-3 Quartz	Special 2 Pin	CC-6	25	....	....	....	....
EPC	Tungsten Halogen Proj. Dichroic RFL Focal Distance 7.31	30	80	T-3 Quartz	Tru-Beam	CC-6	100	⅝	1⅝	....	....
EPD	Projection	240	485	T-6	TruFocus—2 Pin	C-13D	50	1.437	3	....	3200
EPF	Tungsten Halogen Proj. Dichroic RFL Focal Distance 3.085	30	80	T-3 Quartz	Tru-Beam	CC-6	100	⅝	1⅝	....	....
EPG	Tungsten Halogen Proj. Dichroic RFL Focal Distance 3.085	21	80	T-3¼ Quartz	Tru-Beam	CC-6	100	.625	2.025	....	....
EPJ	Tungsten Halogen Projector	120	400	T-6 Quartz	TruFocus	C-13D	50	19/16	3½	....	3250
EPK	Projection	30	80	MR16	2 Pin	CC-6	18	....	1.75	....	3400
EPR	Projection	120	500	T-6	TruFocus	C-13D	75	1.575	2.70	....	3250
EPS	Projection	220	500	T-6	TruFocus	C-13D	50	1.575	2.70	....	3250
ERC	Miniature Halogen Projector Lamp	14	25	T-3¼	Wedge	CC-6	200	½	1.2	500	3100
ERD	Miniature Halogen Projector Lamp	14	35	T-3¼	Wedge	CC-6	200	½	1.2	800	3150
ERE	Miniature Halogen Projector Lamp	21	45	T-3¼	Wedge	CC-6	15	½	1.2	1500	3400
ERF	Miniature Halogen Projector Lamp	14	50	T-3¼	Wedge	CC-6	200	½	1.2	1200	3200

SYLVANIA PROJECTOR LAMPS

ANSI Lamp Code	Description	Voltage	Watts or Amps	Bulb	Base	Fila-ment	Approx. Hours Life	Light Center Lgth., Inch.	Max. Over-all Lgth., Inch.	Approx. Lumens	Color Temp. °K
ERJ	Projection	12.8	45	T-3¼	2 Pin	CC-6	15	....	2	....	3400
ERP	Projection	25	25	T-3¼	S.C. Bay	CC-6	150	.945	1.968	550	3100
ERR	Projection	14	25	T-3¼	2 Pin	CC-6	200	....	2.185	....	3100
FAL	Tungsten Halogen Overhead Projector	120	420	T-4 Quartz	RSC	CC-8	75	....	2⅝	11,000	3200
FBD/FBG	Tungsten Halogen Projector	120	500	T-4 Quartz	2 Pin Miniature	2 CC-8	50	1¾	3	13,200	3200
FCN	Sun Gun	240	800	T-5	RSC	CC-6	10	1.750	3½	....	3400
FCR	Tungsten Halogen Projector	12	100	T-3½ Quartz	2 Pin	C Bar 6	50	1.181	1¾	2900	3300
FCS	Tungsten Halogen Proj. B.D. to Horizontal	24	150	T-4 Quartz	2 Pin	C Bar 6	50	1.181	2.0	4450	3400
FDS	Tungsten Halogen Projector	24	150	T-4 Quartz	2 Pin Pf.	C Bar 6	50	1 5/16	2¼	4450	3400
FDT	Tungsten Halogen Projector	12	100	T-3½ Quartz	2 Pin Pf.	C Bar 6	50	1 1/16	2¼	2900	3300
FDV	Tungsten Halogen Projector	24	150	T-4 Quartz	2 Pin	C Bar 6	100	1.181	2.0	4300	3300
FDW	Tungsten Halogen Projector	24	150	T-4 Quartz	2 Pin Ceramic	C Bar 6	50	1.181	2.0	4450	3400
FDX	Tungsten Halogen Projector	12	100	T-3½ Quartz	2 Pin Ceramic	C Bar 6	50	1.181	1¾	2900	3300
FEM	Tungsten Halogen Proj. Prox. RFL	120	400	T-6 Quartz	2 Pin Pf.	C-13D	50	1 7/16	3	....	3250
FFJ	Tungsten Halogen Overhead Proj.	120	600	T-4 Quartz	RSC	CC-8	75	....	2⅝	16,500	3200
FFX	Tungsten Halogen Projector	230	500	T-4 Quartz	Min. 2 Pin	2 CC-8	50	1¾	3	12,500	3200
FGF	Tungsten Halogen Projector	24	150	T-3½ Quartz	2 Pin Min.	C Bar 6	50	1 1/16	2⅛	4450	3400
FGW	Microfilm	24	150	T-4	2 Pin	C-6	200	1 5/16	2¼	....	3200
Color-Arc 300/16	Color-Arc Projector	37.5	300	3" RFL	Special 2 Pin Plug	Arc-Tube	25 Hrs. to 75% Brightness	....	....	....	Approx. 5000°
Color-Arc 300/16A	Color-Arc Projector	37.5	300	2½" RFL	Special 2 Pin Plug	Arc-Tube	25 Hrs. to 75% Brightness	....	....	....	Approx. 5000°

projector and lamp reference guide

This guide contains an alphabetical listing of projection equipment manufacturers, grouped by equipment type. To identify the Sylvania projector lamp needed for a specific projector, all you need is the type of projector (e.g.: 8mm), the manufacturer's name and the projector model. With this information in hand, turn to that manufacturer's listing, and the guide will do the rest.

When ordering a replacement lamp from Sylvania, simply use its three-letter ANSI code (e.g.: CGT).

Where projectors made by a single manufacturer are grouped with a single lamp type, all projector models within the group utilize the same lamp. Where one or more projectors are grouped with several lamp types, each projector model within the group can safely use any of the lamps shown. The preferred lamp will generally be the one with the highest wattage. While those of lower wattage will be satisfactory substitutes, they will produce somewhat lower screen brilliance.

Manufacturer	Type & Model	Lamp Code
Accura, Ltd.		
Slide		
	Portable Pocket Projector	CDS
	126	CDS
	Videocom 1000	DAK, CWD
Agfa-Gevaert, Inc.		
8mm Movie		
	Movex 8, Movector E8	BXT
	Movector BS, B, F8, FT, G, Sonector 8	CXL
	Movector 4000	EFR
	Movector 2000	EFP
	Movector Dual	EFM
Slide & Filmstrip		
	Diamator-N12	BXT
	Diamator-H, H18	BEH
	Diamator-M	CWD, DAK
	Diamator S	CLS/CMG, CMV/CMT
	Diamator 100	FCS
	Karator 55-77	CZX/DAB, CXY
Airequipt Mfg. Co., Inc.		
8mm Movie		
	2100, -Z, 2200, 2300Z	DJA/DFP
	2400Z, 2500Z	ELE, ELT
Slide & Filmstrip		
	All 100 Series	DAK, CAL, BCK
	All 300 Series	DAK, CWD, BCK
	All 400 Series	CZA/CZB, DAK, BCK
	All 300 & 400 Series (new)	BCK, CZA/CZB, DAK
	All 600 Series	DAK, CZA/CZB, BCK
	All 900 Series	BCK, CZA/CZB, DAK
	All 3000 & 4000 Series	DAK, CZA/CZB, BCK
	Autostack 500, 550, 560	CZA/CZB, DAK, BCK
	Avventura 340, 360, 380	CZA/CZB, DAK, BCK
	Festival 30, 50, 230, 250	CZA/CZB, DAK, BCK
	Sprite—20	CWD, BCK
	25, 28	DAK, CWD, BCK
	30, 35	CZA/CZB, BCK
	Superba—30, 33	CWD, CAL, BCK
	44, 66, 77	DAK, DAY, BCK
	33a, 44a, 66a, 77a	DAK, DAY, BCK
	Sonic	DAK, DAY, BCK
	Super Sonic Series A	CZA/CZB, DAK
	Timatic 150	DAK
Alpex (Allied Impex)		
8mm Movie		
	500 DUO	CZX/DAB
Slide & Filmstrip		
	Deluxe Portable, Jr.	CDS, CBJ/CBS
American Machine & Foundry Co.		
Bowling Score		
	AMF-8252, 8256, 8257, 8265	DGH, DDY
	AMF-8293	DWZ
American Masterpieces		
Slide & Filmstrip		
	Projecto-Master	BLX, BLC
American Optical Corp.		
Microfilm Reader		
	16mm Reader	7.5A/T8SCP
Slide & Filmstrip		
	Educator-150, MK-150, Performer-150	CEW/CFC, CGE
	I, L, M, T, IT, MK-200, Magnavisa	CVX/CVS
	AO-300, Executive-300, Skot	CLS/CMG, CMV/CMT
	MK-300, Mc Custom-300	CXK, CXY
	Pocket	CAV/CAS, CBJ/CBC
	O, MK-100	CDS, CDD, CBJ/CBC
	AO-500, Educator-500, Executive-500, Mc Custom-500, Performer-500, President-500 Producer-500	CZX/DAB, CXY
	GK	DDB/DDW, CZX/DAB
	B, C, D, E, H, S, V, Y	*DMX, DMS
	BC, DA, DC, DK, SA, SAC, VA, VAC, VACK, YA, YAC	DMX
	J	*DPW, DPT
	JK	DPW, DTJ
	LK	DPW, DSB
	P, R, RA	1M/G40/24
	Project-O-Chart 1215, 1217, 11082	CAW/CAX, CAC, CHY (230V)
	Reviewer 500	CZX/DAB
Opaque & Transparency		
	Opaque 3525, 3527	DRS, DRC/DRB
	Overhead 3540, 3550	DRC/DRB
	Overhead Apollo 3640, 3641	FAL, DWW
	Overhead Apollo/6-3650, 3651, 3653, 3654, 3669, 3672	FFJ, FAL, DWW
	Overhead Apollo 6, 3665	DYR (220V)
	Overhead Apollo 6, 3666	DYR (240V)
	Overhead Apollo 10, 3671	DXN, DXW
	Overhead Apollo II Duo-Mag	FFJ, FAL, DWW
American Research Lab.		
8mm Movie		
	Photo-Tronic 800	DCA, DEF
Amplifier Corp.		
Slide & Filmstrip		
	Magnamatic 920	DAK, DAY
Ampro Corp. (Graflex)		
8mm Movie		
	A-8 (Serial Nos. to 14000)	CZX/DAB
	A-8 (Serial Over 14000)	DDB
16mm Movie		
	A, AD, AS, C, E, F	CXK, CXY
	GK, GS, JD, JS, M, MC, JC	CZX/DAB, CXK, CXY
	JA	CXK
	H, K, L, N, R, S, U, KD, KS, NC, UA, UC, YC, UAB	DDB, CZX/DAB
	X, Y, XA, XC, YA, YS, COM, YSA	DFD, DDB, CZX/DAB
	Century-5, Century-10, Century-10A, Compact, Premier-10, -20, -30, -40, Paramount-20	DFD, DDB, CZX/DAB, 51 (Dial & Threading)
	Super Stylist-508, -510, -512, Stylist Deluxe-548, -568, DEC 481, 479 Military	DFD, DDB, CZX/DAB, 51 (Threading)
	Imperial	DFD, DDB, CZX/DAB, 6S6 (Dial & Threading)
	Amprosound Repeater	CXK
Sound Lamp		
	L, M, N, U, X, Y, YS, Century-5	BSW
	S	BFT
	AA, XA, YA, YSA, UA, UAB	BSS/BSB
	Century-10, -10A, Premier-10, -20, Paramount-20	BSS/BSB
	Premier-30, 40	BFX
	Compact, Stylist, Stylist Deluxe, 479 Military	BRK
	Super Stylist-508, -510, -512, Stylist Deluxe-548, -568	BRK
Slide & Filmstrip		
	30A, 30D	CXK
	Ampromatic 500	CZX/DAB, CXY

*Lamp should be selected according to socket type found in original equipment.

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Anson Research Co.		
	Slide & Filmstrip	
	Dunning Animatic A, B (old)	CZX/DAB
	Dunning Animatic A, B (new)	CZA/CZB
Applied Sciences, Inc.		
	Overhead	
	Overviewer, Adaptalab, Adaptadesk	CTT/DAX, CWA, CZA/CZB
Argus, Inc. (See Mansfield)		
	8mm Movie	
	Argus—356A, 357A	DJL
	878, 879, Dual 881, 882	DFG
	838, 848, 849	DCH/DFP
	880Z, 890Z	CXL
	Holiday—483A	DSW
	838	DCH/DFP
	Showmaster—450, 451, 452, 457, 458, 460, 461, 462, 491, 492, 493	DFA
	470, 471, 472, 475, 480, 481	DCA, DEF
	Super-8 870, 871, 872	DFG
	Dual Master 8802, 8902	CXL
	8mm Editor	
	Argus 767, 7671, 768	BKV
	Microfilm Reader	
	Argus—Microfilm Reader	CDD, CBJ/CBC
	Slide & Filmstrip	
	Argus—A, B, CP, DP, PA-100, PB-100	CDS, CDD, CBJ/CBC
	Ceiling CP-1, PB-150	CEF/CEW, CDS
	PA-200, PB-200, PAB-200, PBB-200	CGW/CGT, CEW/CFC
	PBB-300	CMV/CMT, CLS/CLG
	DP-2	CVX/CVS
	PA-300, DP-3	CXK, CXY
	908, 909, 910	CZA/CZB
	912, 915, 915AQT	BCK
	Automatic—501, 535	CWD
	539, 545	DAK, CZA/CZB
	540	CZA/CZB
	Electromatic—555, 558	DAK, CZA/CZB
	538, 541, 542, 543, 550, 560, 570, 572, 573	CZA/CZB
	Executive 580	CZA/CZB
	Holiday 505	DAK, CZA/CZB
	Model III 504, 506, 508, 530	CLS/CLG
	Model V 523, 524	DAK, CZA/CZB
	President 526, 527	DAK, CZA/CZB
	Roundabout 910, 912	CZA/CZB, BCK
	Special—515	BEH
	534	CWD
	Stack 554	DAK, CZA/CZB
	Slide Viewer	
	Electromatic 693	7C7
Arriflex		
	16mm Sound	
	Siemens 2000	DDB/DDW, DFD, BRK (sound)
	Siemens 2000 Marc	Colorarc 300/16
Atlas Rand Corp.		
	Slide	
	K-660, K-770, K-880, K-900, K-990	DAK, CZA/CZB
Atlas Warner Corp.		
	Slide	
	Balmite 50	BLR, BKV
	150	CAR
	300	CAL, CWD
	500, -XL	CZA/CZB
	Viewing & Editing	
	Super Screen 66	BLX
	Super Screen 400, 500	1003
	300	BLC
	6 x 9	BLX
	9 x 9	CBX/CBS

Manufacturer	Type & Model	Lamp Code
Audion Corp.		
	8mm	
	Model 40	DCH/DFP, DCL
	Filmstrip	
	Model 51	CAR
A-V Sales Corp.		
	8mm	
	Lytlevision 200	DCA, DEF
Audiscan, Inc.		
	Filmstrip	
	CSM, TSM	BEH
Audio Visual Corp.		
	8mm Movie	
	AVCA 910, 915, 925	DFG
Automatic Projection Corp.		
	Slide	
	Soundview—SA-43, -63, SM-43, -63, SMT-43, -63, 6B-43	CXK, CXY
	SA-65F, SM-65F, SMT-65F, PB-65F	CZX/DAB, CXY
	672, SAT-672, SMT-672	DDB/DDW, CZX/DAB
A.V.E. Corp.		
	16mm Movie	
	Canary	EJL, BAK (sound)
Baia Engineering Co.		
	Viewing & Editing	
	2000 Editor (16mm)	BLC
	Ediviewer Mark I (8 & 16mm)	BLC
C. O. Baptista Films		
	Slide & Filmstrip	
	Tel-N-See	BEJ, BEC
Baskon Corp.		
	8mm Movie	
	Baskon 500, A1	DFA
Bausch & Lomb, Inc.		
	Slide & Filmstrip	
	Triple Purpose	BVB
	Balomatic—300	CWD, CAL
	305, 500	DAK, DAY
	605, 705	CZA/CZB, CAL
	655, 656, 676, 755	CZA/CZB
	Balopticon—41-26-38	CEW/CFC, CDS
	Film Projector AF-111-26-35, 4090-41-26-90	CVX/CVS
	Film Projector 4070-41-26-70	DFR
	BBL-60, BDT-4, BDT-10, BDT-12, BDT-20, BDT-6Q, -8Q, -10Q, -15, BMP	DMX
	Slide & Filmstrip	
	AU-1, AU-3	*DPW, DMX, DMS
	AU-7, AU-9	*DPW, 1M/G40/24
	BM-4QS, -6Q, -10, -12, -18, -22	DMX
	ERM-14, -18, LRM-14, -18	DMX
	Opaque & Transparency	
	LRM	*DMX, DMS
	CR, KO, KOB, KOS, KOSB, KRF, LRM-18	DMX
	BOH (Overhead)	DMX
Bauer		
	8mm	
	T-1S, T-2, T-22	FCR
	T-3	CXL
	T-10L, T-10S	BXT
	T-12, T-12S	FCR
	T-4	DNE
	TC-30, TC-20, T-40 Sound, L.T. 2053	EFR
	T-5, T-15, T-16 Sound	EFN
	T-25	EFP

*Lamp should be selected according to socket type found in original equipment.

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Bauer		
16mm		
	P5-M15	DFT, DFD
	P6 Automatic 300	Colorarc 300/16, BRS
	P6 Automatic Synchron/Studio	EHJ
Slide		
	S-1 Autofocus	FCS
Bell & Howell Co.		
8mm Movie		
	Autoload—266, 266A, 266Y, 363	DEF
	245, BA, BAY, PAY, R (over 52511), 248 BAY, 254R, RA, RS, 256	DFN/DFC
	346, 356, 357, -B, -Z, 456, 456Z, 457, -Z, 461, 462, 481, 487	DJL
	483	DSW
	Magnetic 488Z, 489Z	CXL
	353	DAK, DAY
	254, 255, 255A, 255AY	DEF
	Deluxe 466Z, 482, 482Z	DLH
	Super 363	DEF
	Director—Lumina	DLS/DHX
	383, 460	DLS/DHX
	Double Feature 1640, 1641	DLD
	Filmo—Model 1615, -Z, 1620, -Z, 1623, -Z	DLD
	Master 400, G, H, J, K	DAR
	Picture Master 151 (all)	DES
	Regent 122, 127	DAR
	Filmosound 358-S, 458, -Z, 468, -Z	DJL
	Monterey—221, 253-AR, 253-A (Serial to 67796), 253AX (to 91588), 254R (to 52511)	CZX/DAB, CXY
	253-A (Serial over 67796), 253AX (over 91588), 254R (over AN 52511)	DFA
	245, 253AX (Serial over AR 25400)	DFC
	253RX (Serial over S-40535), RV (to AF-75450), 353 (all)	DAK, CWD
	Movie Cassette—459,-Z (to serial 1011100)	DJL
	459, -Z (over serial 1011100)	DLH
	Multi Motion—467, 469Z, 471Z, 477, 478, 497	DFZ
	1620, 1620Z, 1623, 1623Z, 1641, 1640, 1625, 1627	DLD
	1620XS, 1623XS, 1623, 1623X, 421, 428	EFN
	423 Auto 8, Sound 427 L.M.	EFR
	Touch Tronic—265, 266	DEF
	475	DLS/DHX, DLG
	370, 380	DEF
16mm Movie		
	Autoload—High Intensity 566A, 566X, 566T, 566EXT	Colorarc—300/16; BAK (Sound)
	High Intensity—567	Marc—350/16T; BAK (Sound)
	B&H 616-D5	DDB/DDW, CZX/DAB
	Filmchain 561, 562	CAL, CZA/CZB, CWA, CTT/DAX
	Filmo-Auditorium A, C, D, G, H, 130	DHW
	Diplomat 57V thru Z	DEJ, DAG
	Diplomat A, AD, B, BD2, 173, B, BA, BAY	DFY, DEJ, DAG
	Master 57R, S	DAR
	Showmaster 129 (all)	DEJ, DAG
	Statesman 273 (all)	DEJ, DAG
	Filmosound—120A	DAR
	120B through K	DEJ, DAG
	138 (all)	DEJ, DAG
	142 (all)	DEJ, DAG
	156 (all)	DFY, DFK, DEJ
	1535, 1535B, 1540, 1540B, 1541B, 1545, 1545B, 1545EX, 1550, 1550B, 1552, 1552B, 1552EX	EMM/EKS
	1550L	BHB
	(all models of) 179, 185, 195, 202, 285, 302, 384, 385, 398, 399	DFY, DFK, DEJ, DAG
	Specialist 535, -T, -Y, 537, 540, 542, 545, -T, 550, -T, 552, -T, 556, 541, -T, 545EXT, 552EXT	DAX, CYS, CTT/DAX, CWA
	JAN—614, -CB, -CBM, 614CD, 614CE, 614CEM, 614CBRM	DHT, DDB/DDW, DFT, DFD
	D-4	DEC, DAS
	TV, 614ETV, 614EVM	CXY
Sound Lamp		
	535, -T, -Y, 537, 540, 541, -T, 542, 545, -T, -EXT, 550, -T, 552, -T, -EXT, 556	BAK
	Filmosound (all models of) 120, 130, 138, 140, 142, 156, 179	BRD
	Filmosound (all models of) 185, 202, 285, 302, 384, 385, 398, 399	BRS

Manufacturer	Type & Model	Lamp Code
Bell & Howell Co.		
Sound Lamp		
	1535, -B, 1540, -B, 1545, -B, -EX, 1550, -B, 1552, -B, -EX, 1550L	BAK
	JAN 614, -CB, -CBM, -CBRM, -CE, -CEM, -ETV, -EVM, D-4	BRX
	JAN 614CD, -CBVM	BSL
Viewing & Editing		
	Editor	6S6 (115 volt)
	Filmotion Viewer 148A	BKR
	Editor 136A through E	15S11/14
	Filmotion Viewer 146A	BKR
Microfilm Reader		
	189, 289	CWY
	Recorder 190	308
	Microfiche	CRT
	Duo	EKB
Slide & Filmstrip		
	Auto-Load 726	CZA/CZB, CAL
	Auto-Viewer 735	BLC
	Explorer—753, 754	DAK, DAY
	742, 744, 764	DGA, CRA
	Filmosound 35—755, 756, 757	1615
	Headliner—706, S, 707, -M, 707EXP, 708 EXP, Duo, -M	CYC, CTM
	710P, Duo 709	CZA/CZB
	706P	CAL
	Deluxe 710 EXP	CZA/CZB
	Monitor 950, 960, 961	DHN, DJH
	Robomatic—500, 765A1, -A2	CZX/DAB, CXY
	760, 765A, 765A6	DDB/DDW, CZX/DAB
	Slide Cube 965Q, 972Q, 975Q, 977Q, 978Q, 981Q, -QZ, 982Q, -QD	CBA
	985, 986, 987, 991, -Z, 992	ELH
	Slidemaster—154A	DES, DHB
	935, 937, 937Y	DAK, DAY
	974W	CZA/CZB
	Specialist—724G5, -G6	CZX/DAB, CXY
	Autoload 745A	CZA/CZB
	Autoload 745B, -C	CWA
	Autoload 746, 746F, 747	ELH
	750, 724A2	DDP, CZX/DAB
	TDC DP-300, 200G, 400G, 500G	CXK, CXY
	Filmstrip—AS, 720-G	CEW/CFC
	BSC, 204G, 215G, 225, 255B, 225G, 315G, 761A, 761G	CGW/CGT
	DSC, MS, 304-G, 320	CLS/CLG, CMV/CMT
	G, 118, 124, 150G2, 504G, 751G2, 759G	CZX/DAB, CXK
	500SC, 504-G	CZX, DAB
	Headliner 35, 325-G3, 303, 425-G4	CLS/CLG, CMV/CMT
	Project-Or-View—Deluxe, 260, 260-G	BEJ, BEC
	Stereo 732G	CLS/CLG, CMV/CMT
	Specialist—300, 224-G	CLS/CLG, CMV/CMT
	500, 724-G	CZX/DAB, CXY
	Vivid-Stereo Deluxe 116G, 716A, 716G	DDB/DDW, CZX/DAB
	Deluxe B, Duo -RN	CGW/CGT, CEW/CFC
	Deluxe C, D Series 1 & 2, RO, RP, 300A	CXK, CXY
	Deluxe D Series 3, 100-G, 773-G, Mainliner 300, Streamliner 351-G2, 300-Duo	CLS/CLG, CMV/CMT
	Deluxe 123G, 251G2, 304G, 320G, 325G, 415G, 425G, 732G, 773G	CLS, CMV
	Professional 750, 106-G, 119G	DDB/DDW, CZX/DAB
	Show Pack 300	CLS/CLG, CMV/CMT
	Streamliner 500, 759-G, 150G2, 500-Duo, 751G2, Professional 500, 117-G	CZX/DAB, CXY
	Standard—A1, 115G, 300G, 600G, 720G	CEW/CFC
	Vivid A2, A3, Headliner	CGW/CGT, CEW/CFC
Overhead		
	Specialist 301-A, B, C, F, FH, FT, FTC, FTH, FTCH, 360, 362-A, B, F, FH, FT, FTC, FTCH, FTH	DYV
Bencini		
8mm Movie		
	P75 Super 8	EFR
John Benton, Inc.		
8mm		
	Istitor	CXL

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Berkey Technical Corp.		
Overhead		
	Technifax	DDB/DDW, DKK
	L. F.	DFR
A. R. Bernard (GAF)		
8mm Movie		
	Crestline CRP II	DCH/DFP
	Viceroy I, II, IV	DAK
	Viceroy 800, -R, -Z, 801, 802, 803, 811	DCH/DFP
	Viceroy 804, 806, 904	CXL
	Viceroy 813	DGB
	Ricoh Auto-8 Trioscope	CXL
	Ricoh Auto-8P	DCA, DEF
	Ricoh Sound 8	DFA
	Goldcrest Dual 8	CXL
Slide		
	Viceroy I, III, IV	DAK
Bernkert Projection Co.		
Slide & Filmstrip		
	F-2 & F-6	DPT, DRW
Charles Beseler Co.		
Slide, Filmstrip & Motion Picture Projectors		
	A, B, C, D, DD, G, LN-1600, C-1212	DMX
	LN-1700	DRS, DMX
	70	CZX/DAB, CXY
	Cue/See	ELE
	Slide King I	DDB/DDW, CZX/DAB
	Slide King II	BTA
	Displaymate, Salesmate 8500	CYC, CTM
Overhead		
	Econ-O-Graph	DMX
	Porta-Scribe 15700, 15710	FAL
	Porta-Scribe 15700-FCB, 15710-FCBT	FCB
	Porta-Scribe 15710-FCB-CC, 15710-FCBT-BB, 15710-FCBT-CC, 15710-FCBT-FF	FCB
	Porta-Scribe 15700-DYRT, 15710-DYRT	DYR
	Porta-Scribe 15700-DYST, 15710-DYST	DYS
	Porta-Scribe 17625-CC, 17625-EE	DXN, BRH
	Porta-Scribe 17626-AA, 17626-CC, 17626-EE	DXN, BRH
	Porta-Scribe 17627-AA, 17627-CC, 17627-EE	FCB
	Porta-Scribe 17627-HH, 17627-RR	DYR
	Porta-Scribe 17627-LL, 17627-SS	DYS
	Porta-Scribe 17628-AA, 17628-CC, 17628-EE	FCB
	Porta-Scribe 17628-RR	DYR
	Porta-Scribe 17628-SS	DYS
	Porta-Scribe 17680-CC, 17680-EE	BRH
	Porta-Scribe 17681-AA, 17681-BB, 17681-CC, 17681-EE	BRH
	Porta-Scribe 17682-AA, 17682-CC, 17682-EE	FCB
	Porta-Scribe 17683-AA, 17683-CC, 17683-EE	FCB
	Porta-Scribe 17683-RR	DYR
	Porta-Scribe 17683-SS	DYS
	Porta-Scribe G-100, G-100-XX	FCB
	Porta-Scribe G-100-AA, G-100-SS	DYS
	Porta-Scribe G-100-RR	DYR
	Luma-Scribe 30000, 30010, 30015	CTT/DAX, CWA
	Vu-Graph Jr.	CEX/DAB
	Vu-Graph X-ray, 2700	DTS
	Vu-Graph Master 88, X-ray, Royal	DMX, DRS
	Vu-Graph Master 6600, 7750THF	DRC/DRB, DRS
	Vu-Graph Standard	DMX
	Vu-Graph Century	DYS
Opaque & Transparency		
	55	CLS/CLG
	OA	CXK, CXY
	OA-1, OA-2, OA-3, OA-4 (old)	DMX
	OA-3, OA-4 (new)	DRS, DPJ, DMX
	Vu-all Opaque	DRS, DMX, DRC/DRB
	Vu-All Transparency	DMX
	Vu-Lyte I, II	DRS, DRB
	Vu-Lyte III	DRC/DRB, DRS
	Vu-Lyte Opor-Slide	DRS, DPJ, DMX
	Stereomotograph C, SA, SB, TA, TB, SW	DMX
Bogen Photo		
Slide		
	Linda 35AL, Auto-Feed	CDS, CBJ/CBC

Manufacturer	Type & Model	Lamp Code
Bolex		
8mm Movie		
	18-5L, 18-5L Super	EFN
	SM8, 18-9, SM8 No. 114645, SP8, AV24-12, 18-3 Duo	EFP
	S.P. 80, S.P. 80/SM8 PRO	EFP
	Multimatic	EFR
Boots		
8mm Movie		
	Comet Super 8, P75	EFR
	Comet P100, 103D, 120, 122	EFP
Borg-Warner Educational Systems		
8mm Movie		
	System 80	DNF
Braun North America		
8mm Movie		
	FP3-S	FCR
	Ricoh auto 88P	DFA
	Ricoh auto 8P Trioscope	CXL
	Norimat S, Paximat	EFP
Slide		
	D-6	1073
	D-10	BEH, CAR
	D-21	BXT
	D-40, D-45	CWD (DAK, DAY, w/heat filter)
	D-35, D-46J, D-47	FCS
	D-15, D-25	FCR
Brumberger Sales Corp.		
8mm Movie		
	1500	CEW/CFC
	1503	CMV/CMT, CLS
Slide & Filmstrip		
	1330, 1331	CYC, CTM
	1335, 1336, Automat 1364, 1367	DAK, DAY
	Fleetwood 1406, 500	DAK, DAY
	Automat 1363, Bel-Air 1307, Fleetwood 1405, Riviera 1422, Versatile 1405	CMV/CMT, CLS/CLG
	Rocket 1314	CGW/CGT, CEW/CFC
Buhl Optical Co.		
Slide		
	LS-1, -2, -3	DYS
	HiLite Ektagraphic	BRN, CYS
Buhl Projector Co.		
Overhead		
	80/10, 80/10-CL, 80/10LC, 80/10-TC	DYS
	80/10-1000	BRH
	80/12, 80/12CL, 80/12LC, 80/12-TC	FCB, FEA, FEB
	80/12-1000, 80/12-TC-1000	BRH
	80/14, 80/14CL, 80/14LC, 80/14TC	DYS
	80/14-1000, 80/14-TC-1000	BRH
	Koolite 90C, 90CF, 90W, 90WF, 90SS, 90SSF	DEK/DFW, DAH
	Koolite 100C, 100CF, 100SS, 100SSF, 100W, 100WF	DEK/DFW, DAH
	Koolite 6000, 7000	DRC/DRB, DWK
	Buhl Special	DYS
	Supreme 60010, 60012, 60014	DXW
	Supreme 60010EB, 60012EB, 60014EB	BRH
Opaque		
	Mark IV	DRC/DRB, DWK
	Mark IV Pointer	BLX
	Nova 600, 700	DYS
Microfilm Reader		
	MF-72, MIVR	FDS
Burton Mfg. Co.		
Slide & Filmstrip		
	X-Ray A	CBJ/CBC
	X-Ray B, C, All Purpose 300D	CDS, CDD, CBJ/CBC

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Busch Film Equipment Co.		
	16mm Movie	
	Busch 6-A Two Way	DFT, DFD
	Busch C-240C	DFD, BTD (sound)
	Cine-Educator	DHT, BTD (sound)
	Cinesalesman 5	CLS, CMV/CMT
	Cinesalesman 3, 4, 4A	CZX/DAB, CXY, BTD (sound)
	Cinesalesman Senior 4	DDB/DDW, CZX/DAB, BTD (sound)
	3S Cartoon Circus	DDB/DDW, CZX/DAB, BTD (sound)
Buttafarri Corp.		
	Slide & Filmstrip	
	Fer-Color 66	CDJ
Cabin		
	8mm Movie	
	8 88	EFN
Calvin Co. (See Movie Mite)		
Camera and Audio Centers		
	Slide	
	Fenco Dual-8	CXL
	Fantox-Vellautomat	DAK, DAV, CWD
Camera Specialty Co.		
	8mm	
	Fenco Dual-8	CXL
	Hawk Dual-8	CXL
	Slide & Filmstrip	
	Voigt	CDD, CBJ/CBC
Canon		
	8mm	
	Cine P-8	CZX/DAB, CXY
	Cinestar P8S, P8-Super 8	CXL
Capitol Projector Corp.		
	16mm Movie	
	Auto-Test	CZX/DAB
	Drive in Movie	CZX/DAB
	Porto-Sound	CZX/DAB
	Panama A, Panorama, Peep Show	CZX/DAB
	Test Pilot, Turnpike Tournament	CZX/DAB
CBS Laboratories		
	Slide	
	Secretary Trainer	BEJ, BEC
CEC		
	16mm	
	Astro Color	EJL
Chinon		
	8mm Movie	
	C200, C200S, C200SP, C300, Sound 8	EFP
Cinemax		
	8mm Movie	
	Cassette Vision	EFP
Cinerex		
	8mm Movie	
	11Q1	EFP

Manufacturer	Type & Model	Lamp Code
C. O. C. (Graflex)		
	Slide & Filmstrip	
	Standard 66	CAW/CAX, CBX/CBS
	Executive 88, 89	CBX/CBS, CEB
	Communicator, Examiner, Traveler	CEB, CBX/CBS
	Inspector	CAR
	Master 10-10	CEB, CBX/CBS
	Rotator A-111, M-511	CYC, CTM
	Table Viewer	BLX
	Showcase SC814	DAH
	1013A	CDK
	Microfilm Reader	
	Model 1013A	CDK
Color Sonic		
	8mm	
	Color Sonic	EJA
Compco Corp.		
	Viewing & Editing	
	Corona Super Editor 1400, Super Viewer 1404 (8mm)	BLX
	Compco Corona Super Editor (8 & 16mm)	BLC
	Corona Super Editor 1401, Super Viewer 1403 (16mm)	BLX
	Franklin Super Editor (16mm)	BLC
	Franklin President Dual Editor (16mm)	CBS/CBX
	Slide & Filmstrip	
	Compco Stereo	CZX/DAB
	Stereo 500	CZA/CZB
	Stereo 501	CZX/DAB
Conn. Tel. & Electric Co.		
	16mm Movie	
	Sound King C-1	DDB/DDW, CZX/DAB, BSS/BSB
Conway Camera Co.		
	16mm Movie	
	Valette	DFD, DDB/DDW
Copal		
	8mm Movie	
	CP33, CP55	EFM
	Sekonic 290 Dual HL	EFP
Craig Research, Inc.		
	Film Reader	
	Craig Reader	BLC, BKF
Helene Curtis Industries		
	16mm Movie	
	Natco, 3015, 3030	DFD, DDB/DDW, 6S6 (threading lamp)
	Sound Lamp	
	Natco 3015	BSS/BSB
	Natco 3030	BSW
Davidson Optronics, Inc.		
	Slide & Filmstrip	
	All Star-D 120	CGP/CFK
	Tele-Color	CZX/DAB
L. E. Davidson Picture Service		
	Slide & Filmstrip	
	Mighty Midget	CAV/CAS, CBJ/CBC
	Mightier Midget	CDS, CDD, CBJ/CBC
	Mightiest Midget	CEW/CFC
DASA Corp.		
	Microfilm Reader	
	Microfilm Reader Printer	BCL

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Manufacturer	Type & Model	Lamp Code
DeJur Amsco Corp.		
8mm Movie		
	P-500	CZX/DAB
	DP-750	DDB/DDW, DFD
	DP-1000	DDB/DDW, DFD
	Adams DP-940	DFA
	Ambassador DP-810, DP-880	DEF
	Auto Critic DP-909, DP-999	DFG
	Dual Super 8 DP-77, DP-77Z	DCH/DFP, DCL
	Dual Super 8 DP-787, DP-787Z	DFG
	Duo Vista PT-60	DLS/DHX, DKR
	Eldorado DP-660	CZX/DAB
	Kovaire DP-777	DCH/DFP, DCL
	Metropolitan DP-707	DCH/DFP, DCL
	Remote Command PT-70	DLS/DHX, DKR
	Scenette PT-40, PT-45, PT-50	DCH/DFP, DCL
	Versatile DP-90, DP-99	DEF
	Versatile DP-909	DCH/DFP, DCL
	All model numbers listed above followed by the letters MV	DEF
	Citation 750 AZ	DCH/DFP
	Citation 850 AZ	DCH/DFP
	Eldorado 84, 84 Z	EKP/ENA
	Eldorado 84 AF, 84 AZ	DCH/DFP
	Eldorado 86	EJV
	Eldorado 86 AF, 86 AZ	DCH/DFP
	Eldorado 888 AZ	DCH/DFP
	Eye Fidelity	DCH/DFP
	Pulsar	EKP/ENA
	Remote Command 888 RC	DCH/DFP
	Remote Command 86 AZR	DCH/DFP
	Remote Command 86 ZR	EJV
	747 AZ	DCH/DFP
	All model numbers listed above followed by MV use indicated lamp Insta-Valometer	DCH/DFP
DeVry		
16mm Movie		
	G, GMT	CXK, CKY
	G5	CZX/DAB
	GT	CBS/CBX
	D2, H, T, T2	DDB/DDW
	BC, CS, RR, RS, Q, QR, SS, Z	DFD, DDB/DDW, CZX/DAB
	15, Super 16, DeVrylite, DeVrylite 5, Bantam	DFD, DDB/DDW, CZX/DAB
	11000-AA, -AB, -BA, -BB, -CA, -CB, 14000-AA	DFD, DDB/DDW, CZX/DAB
35mm Movie		
	D	DPW, DSB
	E, EU, ESF	DRS, DMX
	Semi Professional	*DTJ, 2100T24/8 (60V)
	Semi Portable, XD	DSB
	Special	2100T24/8 (60V), DSB
	Super SR	900T20 (30V)
	Super S-EU, SE	900T20 (30V)
	Paromel DeVry 2802, 2810, 3500 (with #1000 condenser system)	DRS, DFD, DHT
	Paromel DeVry 3500, 2800 (with old condenser system)	DRS
Sound Lamp		
	11000 series (16mm)	BRX
	14000-AA, 15, & Z (16mm)	BSS/BSB
	D2, H, T, T2 (16mm)	BRS
	Bantam, DeVrylite, 5 (16mm)	BRK
	Super 16 (16mm)	BSK
	RS (16mm)	BFT
	12000 (35mm)	BSS/BSB
	Semi Professional (35mm)	1A/T8SC
	Semi Portable, Special (35mm)	1A/T8SC
	XD, D (35mm)	BSS/BSB
	ESF (35mm)	1A/T8SC
	Paromel DeVry 2802, 2810, 3500 (35mm)	BSS/BSB
	Paromel DeVry 10, 12000 (35mm)	BSS/BSB
Slide & Filmstrip		
	DeVry M	CZX/DAB
Dualux		
8mm Movie		
	2000 H	EFP

Manufacturer	Type & Model	Lamp Code
DuKane Corp.		
Sound Filmstrip		
	Micromatic	
	14A390A, B, C, D	CYC, CTM
	14A390E, F, G	CAL
	14A393E, F, G	CXH
	Cassette Micromatic 28A9, A	CAL
	Response Micromatic 28A27	CAL
	Super Micromatic 14A650	DYH
	14A650A, B, C	BCK
	Cassette Super Micromatic 28A15, A	BCK
	Response Super Micromatic 28A28	CAL
	Manual-Matic	
	14A335A, B, C, D	CYC, CTM
	14A335E, F, G	CAL
	Manual and Automatic "Flip-Tops"	
	All Models	CDS/CDX
	Mite-E-Lite	
	14A395A, B	CEW/CDS
	14A395C, D, E	CAR
	A-V Matic 14A285A, B, C, D, E, F, G	CDS/CDX
	Cassette A-V Matic 28A11, A	CDS/CDX
	Response A-V Matic 28A29	CDS/CDX
	Remote Control	
	576-47C	CAL
	28A6	DYH
	28A6A, B	BCK
	Auditorium Proj. 576-85	DFD/DFT
	Cassette Commander 28A14	1507
	Response Commander 28A30	1507
Eastman Kodak		
8mm Movie		
	Kodascope Eight—20 Universal	CDS/CDX, CAV/CAS
	25	CDS/CDX
	33	CZX/DAB, CXY,CXK
	50	CVX/CVS, CRS, CXK
	60-T	BYD
	70, 70A, 70R, 70AR	CZX/DAB, CXY
	71, 71A	DFD, DDB/DDW, CZX
	90, 90A	DDB/DDW, CZX
	90R, 90AR	CZX/DAB, CXY
	Analyst 8 Model A-75	DKR
	Automatic 8 Model 1, 1P	DJA/DFP, DCH/DFP
	Brownie—300	CMV/CMT
	500	CZX/DAB
	500 Model A-5, C	CZA/CZB
	Model C	CZA/CZB
	Model 10	BMA
	Model 310, A-4, E	DJA/DFP, DCH/DFP
	A-15, E, F	DFN/DFC
	Caralux	DNE
	Chevron Model 1, 10, Zoom	DKR, DLS/DHX
	Ektagraphic 8—Sound 8, Silent	DFN/DFC
	MFS-8	DNE
	120	DFE
	P120	EFP
	Hi-Mat A-35	DLG
	Instamatic—M50, M60, M65, A	DFC/DFN
	M66	EFP
	M67, M68A, M105, M109, M110, M77, M10	DFE
	M68	DFN/DFC
	M70, M80, M85	DNE
	M90, M95	DNF
	M100P	DCA
	M100 Sound-8	DKR
	M100-AP Sound	DNF
	Showtime—A-35	DLG
	Cine A-20, A-30	DHJ
	8 Model 500	CZX/DAB
	8 Model 750	DDB/DDW
	Super A-25, A-35	DLG
	Sound 8 Model 1 (A & B)	DHJ
	Sound 8 (Serial C)	DLG
	Video Film TV M100 A	DNF
	Supermatic 60, 70	ELB
	Supermatic AV150	EFR
	Super-8 Sound	DNF, BRK (sound)
	Ektasound 235, 245	DFE
	Ektasound 245B, 245BZ, 235B, 235BZ, 235BK, 235BKZ	EPK
	Movie deck	
	425, 435, 445, 455	ENZ
	465, 475	ELB

*Lamp should be selected according to socket type found in original equipment.

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Manufacturer	Type & Model	Lamp Code
Eastman Kodak		
16mm Movie		
	Eastman—16mm Model 25, 25B, 30, 40	DGS, DEC, DHS, DAS, CYA
	Television 250, 275, CM350	DGS, DEC, DAS, CYA
	Television CT500	DGS, DEC, CYA, DAS, DZG
	Television 285	DEC, DAS, CYA, DGS
	Kodatoy Universal	CDS, CBJ/CBC
	Kodascope—Analyst-II	DFD, DDB/DDW
	C, Eastman Business	100T8½/8, CPR
	D	CXK, CXY
	E, EE (series II), 16-20X	CPR (6V)
	E, EE (series II), L, G	DDB/DDW, CZX, CXY
	Sixteen-10, -20	DFD, DDB/DDW
	K-75	DDB/DDW
	Pageant Sound—AV154, type II, AV-154S, type II, AV-154SD	DHT, DFD, DDB/DDW
	AV-085, 085F1, AV-105M, 126TR, 126TRR, AV-255S, 256TR, 256TR-R, G1SA-2B, MF1-5, MF2-5, MK-5, 8K-5	DHT, DFD, DDB/DDW
	Arc Projector	Colorarc 300/16A
	Pageant (all other models)	DFD, DDB/DDW
	Royal	DFD, DDB/DDW
	12M6	CZX/DAB, DGN, DDY, DDB/DDW
	Sound Kodascopes—F, FB, FB-25, FB-40, FS-10, Special FS-10-N	DDB/DDW, CZX/DAB, CXY
	Threadlite lamps for Kodascopes	6S6
Sound Lamps		
	Eastman 16mm 25, 25B, 30, 40, Television 250, 275, 285, 300, CM-350, 12M6	BSK, BVL
	Sound Kodascopes Models F, FB, FB-25, FB-40, Special, FS-10, FS-10N	BFX
	Pageant AV-126TR, 126TR-R, 256TR, 256TR-R	BSK
	Pageant all other models	BTD
Viewing & Editing		
	Kodascope 8 & 16 Viewers	15S11/14 (100V)
Microfilm Readers		
	Recordak—4 Reader	1142
	6 Reader	1144
	8 Reader	CAS (100V)
	Easamatic Reader PFCS/D	FCS, FDV
	Recordak—Portable A	CDS, CBJ/CBC
	P10, 10-31, PD, PF, PH, MPC, MPC-1	CHG (100V)
	P-40, PM, PM-1, PM-2, PL, PS, PS-1, PES, PES-1, PEK, PEK-1, PV, PVA, PVM, MPE, MPE-1, PTA, PE-1A	1240
	PGR	CZA/CZB
	P-20	1323
	MICR	CWD
	PKL-46, PKL-58, MKR, PK-1013, PFC-46, PFC-46-1, PFC-58, PFC-58-1, MKR, MKR-1, PFC-66, PFC-66SP, WPF	1503
	P(R)1824	CAL
	MKG, MKG-1	CZX/DAB
	Reader-Printer	BHD
	JA, JB, JC, JC-1, JD	CGD
	MEA	PH/212
	MEB	PH/5A/G16½ DCP
	Motormatic MPG	EGX, DAH, DCY
	Microstar PR-1	CBA, EGX, DEK/DFW
	MPE (serial 1 to 593)	100G16½/30
	FRF -1600, —3500	EJN
	Micro-File Film Unit (MCC-Type)	2530
	Ektalite 120, 140 Reader	1004
	Retnar 20 Reader	DZM
Printers		
	2600*	FAL, FFJ
	2620	FAD
	553K	FAL
	853K	FAL
	1153K	FAL
Slide & Filmstrip		
	Kodaslide—1A, 2A	CDS
	Hilux II, III	CMV/CMT
	Merit	CDS
	Signet 300—Model A (entire series)	CMV/CMT
	Filmstrip Model 2-F	CMV/CMT
	Signet 500—Model 2 (entire series)	CZX/DAB, CXY
	Model 2-220V	DBT
	Filmstrip Model 2-F, 3-F	CZX/DAB
	Kodak 300—Model 1, 300, 301, 361, Model 3, 303, Model 5, 305	CYC

*Depends on machine housing as to which lamp is used.

Manufacturer	Type & Model	Lamp Code
Eastman Kodak		
Slide & Filmstrip		
	Kodak 500—Model A, 500, 501, 502	DFH
	Model B, 501B, 502B	CZA/CZB
	Model BX, 500BX, 502BX	CZG
	Cavalcade 500—540	DFR (125V)
	All other models	DFR
	Ektagraphic—E, B, AF, RA, 960	DEK/DFW, CBA, DAH
	Arc	Marc-300/35K
	AF-2, B-2, E-2	ELH, ENG, ENH
	Readymatic Viewer Model 1	BFB
	Readymatic 500 Model 1, 503	CZA/CZB
	Supermatic 500—Model A, 504	CZA/CZB
	Model A-R, 504AR	CZA/CZB
	Carousel—500, 570, 580	DFW, DEK/DFW, CBA, DAH, DEA
	550R	DFX
	600, 650, 700, 750, 800, 850, AV-900, RA-950	DEK/DFW, DAH, CBA, DEA
	Model S	FCS
	860, B864Q, B865Q	CBA, DAH, DEK/DFW
	600H, 650H, 750H, 760H, 800H, 850H, 860H	ELH, ENG, ENH
	Carousel Custom—800H, 850H, 860H	ELH, EHG, ENH
	Pocket Carousel 100, 200, 300	DDA
	Master	DDB/DDW, DFD
	Kodagraph—C	CHG (100V)
	MPE	1240
	Kodaslide—Stereo Viewer model I	245
	Stereo Viewer and converter model II	6S6 (80V)
	Kodak Illuminator Model I	7C7/W
	Table Viewer—Model A	BYR
	Model A, Series II	CBJ/CBC
	Model 4X	CAV/CAS
EDL, Inc.		
8mm Movie		
	Control Reader	DAK, DAY
	Skill Builder	DAK, DAY
	Math Builder	DAK, DAY
	Tech-X	DAK, DAY
	Control Reader Jr.	CAW/CAX, CAC/CAJ
	Aud X Reader	DAC
Educational Projections Corp.		
Filmstrip		
	300-HS	CAL
Eiki (See International Audio Visual Ltd.)		
Elco Optisonics Corp.		
Filmstrip		
	Mastermatic I, RI	CAL
	Mastermatic II	CZA/CZB
Elgeet Optical (See Vicom)		
Elm Mfg. Co.		
8mm Movie		
	Air Force Proj.	AP-15A
	Part #15225	CPF
Elmo		
8mm Movie		
	V.P.A., V.P.A. Dual, V.P.A. Dual Filmatic	EFM
	V.P.D. 100, V.P. Serie	EFP
	S.T. 1200, S.T. 1200 M.O.	EFR
Emde Products, Inc.		
Slide & Filmstrip		
	Emde 21	CEW/CFC, CDS
Empire Projector Corp.		
16mm Movie		
	Empire PX	DDB/DDW, CZX/DAB, BSS/BSB

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Manufacturer	Type & Model	Lamp Code
EPO1		
Slide		
	Nikkormat Automatic	DAK, DAY, CWD
	Nikkormat Autofocus	FBD/FCE
Eucelec		
8mm Movie		
	P.R. 2000S, P.R. 2001S, P.R. 2002S	EFN
Eumig (USA) Inc.		
8mm Movie		
	P8 Series	BXT
	Mark M, 8, S Super, 701, 709, P8 Novo	FCR
	Mark S712, -D, 501, P8D, 500E	CXL
	Mark 510, 710D, 711	EFP
	Fairchild Eumig 711, -R, 810D, 610D, S710D, 720 Electronic	EFP
	Mark S705, 8V/50W, S706, 12V/75W	Dichroic Reflector
	Mark S706, S800, S807, 807D, 807S, S802	EFN
Europ		
8mm Movie		
	Super 9.5	EFP
Excel Movie Products, Inc.		
8mm Movie		
	Apollo-8, Super-8	CZX/DAB, CXY
	Excel P-63	CZX/DAB, CXY
	Apollo P-66, P76	CZX/DAB, CXY
	Excel P-36, P-56	CTR
	P-46	BMD
	P-66	CZX/DAB
	Pekoscope D	CBX/CBS, CDJ, CGP/CFC
Fairchild Camera & Instrument Corp.		
8mm Movie		
	Cinephonic—HLH-1, 880, 881, 882	DFA
	AV400, Mark IV, V,IV/S	CXL
	1000	EKG
	711R, Fairchild Eumig 711	EFP
	Seventy -21, -31, -41, -07	EKG, EJY
Fairway Products, Inc.		
16mm Sound		
	Visomatic	DDB/DDW, CZX/DAB, BRK
F & B/Ceco, Inc.		
35mm Movie		
	CECO Redlake	DRS/DRC, DRB
16mm Viewer		
	Professional	BJJ
35mm Viewer		
	Professional	CEB
Federal		
Microfilm Reader		
	Portable Reader-Projector	CEW/CFC, CDS
Film Circulation Corp.		
16mm Movie		
	Duplex A	DDB/DDW, BFT
	Duplex B, C	DFD, BFT
Forway Industries, Inc.		
16mm Movie		
	Forway 10, 10A, 10B, 10C, 12	DFD, DDB/DDW, BSK
	Little Giant 10, 12	DFD, DDB/DDW

Manufacturer	Type & Model	Lamp Code
Forway Industries, Inc.		
Sound Lamp		
	Holmes 10	4A/T8/25
	Holmes 12	4A/T8/85
Foto-Quello		
8mm Movie		
	Revue 210	EFM
	Revue 500J	EFN
FR Corp.		
Slide & Filmstrip		
	Port-A-View	CAW/CAX
Fuji		
8mm Movie		
	M40	EFN
Fujica		
8mm Movie		
	Fujica	CZX/DAB, CXY
	Magic Load	DFA
	Masterload, 8P, Fujicaload M2	CXL
	M3, M20	CXL
	Fujicascope SH1, MG90	DNF
	Fujicascope M40	EFN
	MG90, MX70	EFR
Fumeo		
8mm Movie		
	8M	EJL
16mm Movie		
	Aula Super, VI-TR	EJL
GAF (Ansco)		
8mm Movie		
	GAF 2500, 2600, 2700	ELT
	GAF 1788Z	EKP/ENA
	GAF 88, 1388, -Z, 1372Z	DJA/DFP, DCH/DFP
	1333	DGB
	2000S, 3000S	DNE
	GAF 1488, 1588Z, 1688Z, 1564Z, 1555DZ	DGB
	GAF 2388, 2388Z, 2488, 2488Z, 2588Z, 2688Z	DGB
	GAF 2788Z	ELE
	Anscovision 180, 280	DFA, DFG
	Anscovision Super-8, 380, 480	DFG
	Anscovision 80, 88, Dual 388, 388Z, 488, 588, 688	DJA/DFP, DCH/DFP
	Dual, 188, 333	DJA/DFP
	Anscovision 788	EKP/ENA
	Memo 80, Memo Master	DFA
	Dual 8, 1388Z, 1588Z, 1688Z, 2688Z, 2788Z, 1188 Super 8, 1177	EFN
Slide & Filmstrip		
	Anscomite-100	BLX
	Anscomatic II, R	CZA/CZB
	Anscomatic 660, 670, 680, 690	DAY, CWD
	Anscorama 970, 980, -Z	CBA, DEK/DFW, DEL, DAH
	Anscorama 910, 940, 960	DEK/DFW, DAH, DEL, CBA
	Dualet	DGA, CRA
	Regent	DGF, DGA
	GAF 1660, 1670, 1680, 1690	DAY, CWD, CYK
	GAF 2660, 2670, 2680, 2690	DAT, CYK
Overhead		
	GAF Overhead 475AV, 485AV	DYS
	GAF Ultra 2100 Zoom	#245 (miniature)
	GAF Zoom	#245 (miniature)
Movie Lights		
	GAF Movie-Lite II	DVY
	GAF Twin Lamp Movie	BEP
	Anscomatic Camera Light	DWA

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Manufacturer	Type & Model	Lamp Code
Genarco, Inc.		
	Slide	
	Genarco Master 6800	DPT, DRW
	SM2, SM3, SP1, SP-3, 3/M, 3/65, 3/6	3MT32/2
General Electric Co.		
	Color Print Viewer	
	CPV-1	BMG/BMH
General Motor Sign Co.		
	Slide & Filmstrip	
	General Motorsign	DPT, DRW
General Photographic Supply Co.		
	16mm Movie	
	Elmo	DDB/DDW, CZX/DAR
	Aldis Star 300	CLS/CLG, CMV/CMT
	Aldis Star 500	CZX/DAB, CXY
GoldE Mfg. Co.		
	Slide & Filmstrip	
	Air-Flo 1043, All Purpose 1048, Combination 1047	DRS, DDB/DDW, DMX
	Cornet	CLS/CLG, CGW/CGT, CEW/CFC
	Dissolver	DPT
	Filmatic 300	CLS/CLG
	Manumatic 300-P-1042, -1043, EZG-42, Nu-Manumatic	CLS/CLG, CGW/CGT, CEW/CFC
	Mark V D-44, D-45	CZX/DAB, CXY
	Master 447, 1049, 543, X	DMX
	Superslide 535, 1935	DRS, DDB/DDW
	Reflex 349	CMV/CMT, CLS/CLG
Good-All Electric Co.		
	35mm Movie	
	Sound on Film	DRS, DMX, 7.5A/T8SC (sound lamp)
	Semi	DSB, DPW, 7.5A/T8SC (sound lamp)
G-M Laboratories, Inc.		
	Slide	
	720-21-1, SP-100, -100A, -101, -102	BMY, BMD
	SP-200, -200A, -201, -202, -203	BEJ, BEC
	SP-203A	CGW/CGT, CEW/CFC
	SP-300, -300C, -300X	CLS/CLG, CMV
Gregory Magnetic Industries, Inc.		
	Overhead	
	GMI 44	DAH, DFW
Hähnel		
	8mm Movie	
	Supermate	EFN
	1000H, HS1000 Auto Sound, Dualux 1000, 2000 H.S. 100 Auto Sound	EFP
Hanimex		
	Slide	
	1200AF, TAF Hanomat 1000	FCS
	Auto Focus	DAK
	500 Auto, 500 Super Auto	DAK
	Focal Mark I, II, III	DAK
	500-S, -A, -RF, AF, EF	DAK
	8mm Movie	
	All 800 & 900 Series	CXL
	Model 720, 1000, 900, 924	CXL
	Loadmatic 8801Q, Dualmatic I.Q., Dualmatic 1000	EFN
	Loadmatic 880H, Duorama	EFN
	Instadual I.Q. 2RS, I.Q. DLS I.Q., 1000/1Q	EFP

Manufacturer	Type & Model	Lamp Code
Harwald Co., Inc.		
	Slide & Filmstrip	
	Admatic 5J102	DDY, DGH
	Shopper Stopper-A, U	CGE
	Sonomatic 8J101	DDY, DGH
	View-Matic	DDY, DGH
Karl Heitz, Inc.		
	Slide	
	Astrolux 120S, 122, 125	DFT, DDY, DGH
Heurtier		
	8mm Movie	
	P6-24	FCR
	Standard 8, Dual 8	BXT
	Stereo 42	EFP
	P6-24 Super 8, ST42, ST-42 Stereo, Duoplay 42	EFP
Holmes Projector Co.		
	16mm	
	Rex A, I-A, II-A, III	DFD, DDB/DDW, CZX/DAB (threading)
	16mm Movie	
	Television	DFD, 6S6 (threading)
	TP Television	DFD, 6S6 (threading), 6T4½/1 (pilot)
	ITP Television	CZX/DAB
	Tutor	DRS, DMX
	35mm Movie	
	Educator	DTJ, DSB, 6S6 (threading & framing)
	8	DFD, 15T7DC (threading), 6S6 (framing)
	Professional	900T20 (30V), 2100T24/8 (60V), 15T7DC (threading), 6S6 (framing)
	7-A	DSB
	Sound Lamp	
	Rex, A, I-A	BXB
	Rex II-A (1st 100 machines)	BXB
	(others)	BSS/BSB
	Rex III, Television	BSS/BSB
	Professional, Educator, 8	4A/T8/25
Honeywell (See GoldE)		
	8mm Movie	
	330 Filmatic C	DFG
	Dual-8 913, 914, 916, 917	DCA, DEF
	Dual-8 990, 991	EJM, EJS
	FP-A, FP-C, FP-E	EJM
	FP-8925, FP8C-986, AP-8 929, TP-8 926	DCA, DEF
	ST-8, ST-8MO Sound	FCS, BAK
	Elmo/Filmatic A Dual-8	EFM
	Elmo 360/380/GP	EJM
	16mm Movie	
	F16-1000, F16-1000R	DFT, DDB/DDW, BAK
	927-DM-16, 930-D-16, 928-AR-16	DFD, DDB/DDW, CZX/DAB BRS
	Slide & Filmstrip	
	642, 650, 652	CZA/CZB, DAK, No. 81 (for remote)
	Preview 610, 620, 630, 640, 600	DAK, EGH
	Rondelle 100	CZA/CZB
	Reflex C-71	CLS/CLG, CMV/CMT
	Master C-58, C-61, 1047, 1048	DRS, DMX
	Cromatic 300, Filmatic C59	CLS/CLG, CMV/CMT
	Master 447	DRS, DMX
	Universal 1704	CWD, DAK
	Rolleiscop Projector	FCS
	Overhead	
	HP-250	DYS, DYV
Hoover Bros., Inc.		
	16mm Movie	
	Da-Master Mark IV	CTT/DAX, CWA, BAK (sound)
	Slide & Filmstrip	
	Strip Master	DEP, DAK

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Manufacturer	Type & Model	Lamp Code
Hoppmann Corp.		
16mm Movie		
	Teleshow 1-NP34M	CTT/DAX
Slide		
	HC34FR	CTT/DAX
Overhead		
	CP-2	CTT/DAX
Hudson Photographic Industries, Inc.		
Slide & Filmstrip		
	HPI 10 Square Theater, 370, 371, 372, 373	CDS, BXT (12V model)
	HPI Mini Projector	CDS
	Mini Projector 347, 348	CBX/CBS, CJJ
	Prima 340, 341, 345	CBX/CBS, BXT
	Duplex Aperture 351	CBX/CBS, BXT
	350, 351-2, 355, 356-2	CAR
Viewing & Editing		
	Model 436 Dual 8, AV 435, Super 8, AV 430 Standard 8, 330, 331-2	BLC
Imak Co.		
8mm Movie		
	Caravel Dual 8	FCR
	NV 420, Mod. 500	EFN
	420 NV, Dual 300 Deluxe, 300, Caravel	EFP
Information Handling Services, Inc.		
Microfilm Reader		
	VS MF Satellite II	DYT
Ingenuics, Inc.		
16mm Movie		
	Invision IN552	CTT/DAX, CYS
Intercontinental Marketing Corp.		
Slide & Filmstrip		
	Diafant-0	100T8½/8
	Diafant-1, -6A	DLC
	Sunset 88	CBX/CBS, CAX
International Audio Visual Ltd.		
16mm Movie		
	1AV-MS-86D, 861, 862, 863, 850	DPB/DPW, DFT
	Royal ST-0, -1, -2, -3	CTT/DAX
	Royal ST-0H, -1H, -2H, -3H	EJL
	Royal ST-0-CAK, -1-CAK, -2-CAK, -3-CAK	Colorarc 300/16
	Royal M-0, -1, -2, -3	EJL
	CAK-Conversion	EJL or Colorarc 300/16
	Trojan TRM-0-TRST-0H	EJL
Jayark Instruments Corp.		
8mm Sound Movie		
	Super-8 2MS, 55-72-WS, 66-72-RV, 77-72-AP	EKG
Kalart Victor Corp. (See DeVry, TSI, Victor and Craig)		
8mm Movie		
	Kalart VP-88	DEF, DCA
Kalart Co., Inc. (See DeVry, TSI, Victor and Craig)		
16mm Movie		
	Moviematic—TM-3, STM-3, STM-3C, TM-3C	CMV/CMT, CLS/CLG
	STM-18, Mark V	DHT, DFD, DDB/DDW, BSS
	Mark V-MC3, STM-18-MC3	Colorarc 300/16A, BSS
	Duolite ST-18, STV-18, STVA-18	DHT, DFD, DDB/DDW, BSS
	Victor—65-4, Classmate 4	DDB/DDW, CZX/DAB, BVK
	65-10, 65-25, Assembly 10, Sovereign 25	DDB/DDW, DFD, BVK
	Kalart/Victor—70-0, Silent 16	DDB/DDW, DFD
	70-15, RP, MP, 70-25, RP, MP, 75-15, RP, MP, 75-25, RP, MP	DDB/DDW, DFD, DHT, BVK
	80-25	EJL

Manufacturer	Type & Model	Lamp Code
Kalart Co., Inc. (See DeVry, TSI, Victor and Craig)		
16mm Movie		
	82-25 MPR	DHT, DFD, DDB/DDW, BSS/BSB
	STV-TB	DGH, BSS/BSB
	1600,70-1600	arc, BVK
	70-15 MC3, 70-25 MC3, 75-15 MC3, 75-25 MC3	Colorarc 300/16 BVK
	Moviematic Mark V	Colorarc 300/16A
Editing & Viewing		
	Craig Projecto Editor KE-8, V-8, KE-S8, VS-8	CBX/CBS
	Craig KE-16, V-16, V-46, V-4643, V-1633, V-1643	CBX/CBS
	Craig E-8, E-16	CAC
	Kalart Editor Viewer EV-8, Mark II, EV Super-8	BLC
Victor/Soundview—Slide & Filmstrip		
	PS-43, PS-63, SAT-43, SAT-63, SMT-43, SMT-63, PB-43, PB-63	CXK, CXY
	PB-65, PB-65F, PS-45, PS-65, PS-65F, PS-65S, SAT-65, SMT-65, SAT-65F, SMT-65F, PHD	CZX/DAB
Kalart/Soundstrip		
	Model BU-2	CAL, CZA/CZB
Kalimar, Inc.		
Slide		
	SA-300	CYC, CTM
Kapco Products, Inc.		
Slide		
	K-150	BLX
Ken-A-Vision		
Micro Projector		
	Tyro E, Trig K, Tech-A-1	5A/G16½/1, 5A/G16½/3
	X-1000	EKL
Keystone Camera Co., Inc.		
8mm Movie		
	A-8, K-66, K-68, K-108, K-109, -AZ	DDB/DDW, CZX/DAB
	C-8, C-19, D-857	CGW/CET, CEW/CFC
	D-854	CTR
	C-18, CC-8, J-8, M-8, R-37	CMV/CMT, CLS/CLG
	K-70, K-80, L-8, R-8	CZX/DAB, CXY
	K-75, K-88, K-100	CZX/DAB, CXY
	K-95, K-105, K-109AZ, -D, -V	DDB/DDW, CZX/DAB
	D-885, D-889, D-891, D-896	CTR
	D-883, L-892, L-992	BMD, BLR
	K-90, K-60 (new model), 60D, K-104, 104A, -AR	DFA
	K-60 (old model)	EDK
	K-77, K-101, K-101Z, K-100G, K-110Z, K-110, -Z, -AZ	DEF, DCA
	K-106, -Z, K-107, -R, K-112, K-112Z, K-204, 207	DEF
	K-62, K-65, K-67, K-91, K-98, K-103, K-104, K-301, K-630, 660, 950, 955, 960, 965, 980, -S, -Z, -ZV	DCH/DFP, DCL
	Super-8 K-519, K-520, -M, K-529	DCH/DFP, DCL
	Super-8 K-400, K-401, K525, -M, 530, -M, -Z, 535, 540, -Z, 550, -Z	DFG
	K-560	DMH, DFE
	Deluxe K-85, K-90, K-95	CXR/CXL
	440, 442	DCH/DFP, DCL, DFG
	441, 444, 446	DCL
	K-529, K-539	DCH/DFP, DCL
16mm Movie		
	A	CVX/CVS
	A-72, -74, B-63	CXK, CXY, CVX/CVS
	A-75, A-78	CZX, CXK, CXY
	A-81, -82, K-160, -161, -M	DDB/DDW, CZX/DAB
	B, C, D	CDD, CBJ/CBC
	C-16, -26, CU-26, C-28	CGW/CGT, CEW/CFC
	CC-16	CMV/CMT, CLS/CLG
	D-64	CVX/CVS
	D-752, -754, L-751, E-853, L-951	CTR
	D-757, -759	CGW/CGT, CEW/CFC
	E-741, E-743, -746, -829, -839, -847, -848, -943, L-742, L-942	CTR
	E-53 (1936)	100T8½/8
Editing & Viewing		
	K-110 Editor (8mm)	CDD
	K-200, K-250	BLC

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Moviola Mfg. Co.		
35mm		
	P, UPX	DMX, 1725 (sound)
	Preview	1017, 55 (viewing), BSS/BSB, 1725 (sound)
	C-20, D-20, UC-20-S, UD-20-S, UD-20-CS	BMD, BSS/BSB
16mm & 35mm		
	Series 20	BMY (picture), BSS/BSB, 51 (pilot)
	Preview	1017 (picture), 55 (view), BSS/BSB
MPO Videotronic Projector Corp.		
8mm Movie		
	Videotronic	DLS
	Videotronic Super 8	DNF, ELZ, ELV
Mundus Co.		
Slide		
	Club	CBJ/CBC
Muray		
8mm Movie		
	I.S. 200, Auto Sound	EFP
Naren Industries, Inc.		
Slide & Filmstrip		
	Polarama N-301, N-301-P	CLS/CLG, CMV/CMT
	Polarama N-501, N-502A, N-502-P	CZX/DAB, CXY
Norelco		
16mm Movie		
	Mark-Lite ML-5100	Colorarc 300/16
Noris		
8mm Movie		
	Universal, Record L50, L100, L, D	EFM
	Norimat S & SD, Norimat Deluxe, Record 100, L100, D100	EFP
	President	EFR
National Picture Service, Inc.		
Slide & Filmstrip		
	National D, No. 1	DMS
Natl. Pizza Corp.		
8mm Movie		
	Rear Screen Super 8	ENB
OCE-Elliott, Inc.		
Microfilm		
	BKE Conference Projector	DYS
Operadio Mfg. Co. (See DuKane)		
Slide & Filmstrip		
	Explainette 100, 14A35	CDS, CBJ/CBC
	Explainette Automatic 14A90	CEW/CFC, CDS
	Explainette Educator 14B56, 14C56	CXK, CXY
	Explainette 300, 14B55, 14C55	CXK, CXY
Optica		
8mm Movie		
	M.F. 914 I.Q., M.F. 914 S.I.Q.	EFP
Optics Mfg. Corp.		
Slide & Filmstrip		
	Opta-Matic 910, Custom 950	DGA, CRA
Optitronics Corp.		
Slide & Filmstrip		
	Spectra Mark I	DAK, DAY

Manufacturer	Type & Model	Lamp Code
Ozalid (Div. General Aniline & Film Corp.)		
Opaque & Transparency		
	Porta-Lite 7, 10	CZA/CZB
	Porta-Lite 100	CTT/DAX, CWA
	Projecto-Lite	BFH, DPJ, DMX
Paillard, Inc.		
8mm Movie		
	Bolex—18-5, Auto, Zoom	CXL
	Super 8	FCR
	18-5L	EFN
	18-9 Duo	EFP
	M-8, M-8R, M-8S	CZX/DAB, CXY
	G8-16	DDB/DDW, CZX
	SM-8 Sound, SP-8 Sound	EFP
	Multimatic	EJA
16mm Movie		
	S-211, S-221, S-311, S-321	DDB/DDW, BFX
	G8-16, G-16	DDB/DDW, BTD
	421	ELH, CZX/DAB
Paromel Electronics Corp. (See DeVry)		
Petri-Kine		
8mm Movie		
	Raynox Dual	CXL
	Royal RS	CXL
	Dahlia	CXL
	Hawk, Sono Hawk	CXL
Phototronic Corp. of America		
8mm Movie		
	Phototronic 400	DHJ
	Phototronic 800	DEF, DCA
Photronix		
Microfilm		
	Scan Executive 10/40	CWA, DAH
Pictronics Corp. (See Anson Research Co.)		
Picture Recording Co.		
Slide & Filmstrip		
	Pictur-Vision 55, 75, 75-B, 1555-C, 2075, 5516	DDY, DGH
C. F. Planet		
8mm Movie		
	S80, S81, S82	EFM
	P.R. 2000, P.R. 2001, P.R. 2002	EFN
Plank		
8mm Movie		
	Super 8T	EFP
Polaroid Corp.		
Slide & Filmstrip		
	Polaroid 610	CZX/DAB, CXY
Ponder & Best, Inc.		
8mm Movie		
	Dual-8 #733	DNE
	Dual 8 733A	CXL
Slide		
	Color Slide Projector	CDS
Frederick Post Co.		
Micro-Film Reader		
	640	EJN
	Microfiche	DRS

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Mansfield Industries, Inc.		
Slide & Filmstrip		
	350, A-35	BMY, BMD
	B-40	CGW/CGT, CEW/CFC
	B-50	CLS/CLG, CMV/CMT
	Hi-Fi, Deluxe, Deluxe 500, Midway 500	DAK, CZA/CZB
	Hi-Fi (old), Deluxe (old), Deluxe 500 (old), Midway 500 (old)	EDK
	Holiday 500	CZA/CZB
	Kadet, Starfire, Starlite	CAR, BEH
	Midway	CLS/CLG, CMV/CMT
	Midway II	CWD, CAL
	Skylark 300, Automatic, Presto-Matic	CWD, CAL
	Skylark 500, Automatic, Presto-Matic	DAK, CZA/CZB
Marcellus Mfg. Co.		
16mm Sound		
	Miracle No. 2	DDB/DDW, CZX/DAB
Mast Development Co.		
Filmstrip		
	132, RW	CDS, CEW/CFC, CGW/CGT, CYF/CYM, CYB, CYC
	Programmed Instructor	BVB
	132 Series Random Access	CYM/CYF
	133B Random Access	EJW
Slide		
	136	DEK/DFW
	Teaching Machine 1700	BVB
	Filmstrip 1000	EJN
	Random access 133B	EJN
	Super "8"	EKG
McClure Projectors, Inc.		
Slide & Filmstrip		
	Instant-View IV-510A	DCH/DFP, DJA
	Instant-View IV-520A	DGB
	Statesman Standard	CAR
	Statesman Deluxe	CAL
	L (old model)	CEW/CFC
	N (old model)	BEH, CAR
	N (new model)	CAR, BEH
	N-L	CAR
	66, 61, 400, 71A	CAR
	CSM, CSMA, MRC, MRF	CAR
	CSA-A/50, MRF-3	CAL
	Picturephone 400	CAR
	IV 820A	ELE
	Associate	DAK, DAY
	Educator	CYC, CTT/DAY
	MRF, MRC	CAR
	MRF-3	CAL
Meopta		
Slide & Opaque		
	Optirex—Epidiascope	DMS
	Optirex II	DMS
	Epirex Opaque	DMS
Overhead		
	Meotar	FCB
16mm Movie		
	Meoclub II	DPW
3 M (See Revere)		
Opaque & Transparency		
	Thermo-Fax 42C, 42A, BA, CA, CG	DRB, DRS/DRB
	Thermo-Fax Overhead 43	CZA/CZB
	Model 42D	BRH
	Model 42DA	DXW
	60, 66 (to 66AG1101E)	FAL
	66 (over 66AG1101E)	FCB, BRH (with heat adaptor kit)
	66 (over 66AG0157354)	DYP
	66 (over 66AR100001), 66AR	EHA
	66 (over 66ARC291001), 66ARC (to 294367)	BVA
	121AG (over 105083)	EHA
	221AMC (over 170861)	EHA
	221AMD (over 160743)	EHA
	221AME (over 165716)	EHA

Manufacturer	Type & Model	Lamp Code
3 M (See Revere)		
Opaque & Transparency		
	566, 523 (Standard)	EHA
	521/522/526 (to 300001) with heat filter	BVA
	Desk Top Projector 088/588/5088	DMK
	Desk Top Projector 88	DML
	121AG (to 105084)	DYS
	221AMC (to 170861)	DYS
	221AMD (to 160743)	DYS
	221AME (to 165716)	DYS
	521, 522, M526, M567	BVE
	125/525	FEM
	525AF	CDK, CEA
	543	DXW
Minolta Corp.		
Slide		
	Mini-16	CBJ/CBC, CAV/CAS
	Mini-35	CDD, CBJ/CBC
	Slide 16	CYC
	Autopak AF/2	DAK
	Autopak AFT/2	DYY/EGH
8mm Movie		
	Autodual 8	CXL
Minox		
Slide & Filmstrip		
	Minox 30	CDS, CBJ/CBC
	HP-24, HP-34	FCS
Miranda (Allied Impex)		
Slide		
	Auto-Sensor	CZA/CZB
Montgomery Ward		
8mm Movie		
	853, 888, 899	DCH/DFP
	808, 809, 810	DGB
	811	ELE
	812, 813	CXL
	814, 816, 818	DJA
Slide		
	100, 111, 200, 222, 300, 333, 400, 444, 500, 640, 642, 644, 655, 700, 800, 880, 900	DAK
	1000, Z	EGH
Movie-Mite Corp.		
8mm Movie		
	Calvin Movie Sound 8	DDB/DDW, CZX/DAB
16mm Movie		
	Movie-Mate CV-1, -2, -3, -4	CYE, CMV/CMT
	Movie-Mite 41-51-61	BMD, BLR
	Movie-Mite 42-52-62	CGW/CGT, CEW/CFC
	Movie-Mite 63L, 63LD, 63LMB, S-53, C-400	CMV/CMT, CLS/CLG
	Movie-Mite LV-250	DKM, DLR
	MM Supreme S-53, C-55	CMV/CMT, CLS/CLG
	MM Supreme 9J119	BWC
Slide & Filmstrip		
	Bell Boy Sound Slide	CXK
	C-400	CMV/CMT, CLS/CLG
Moviola Mfg. Co.		
Viewing & Editing 16mm		
	Preview	1017 picture, 55 viewing, BSS/BSB, 1725 (sound)
	KP, LP, UKPS, ULPS, ULPCS	BLR (picture), BSS/BSB, 1725 (sound)
	UKS, ULC, ULS, ULCS	25A (picture), 1725 (sound)
	K, L	25A
	LVR	CEW/CFC (picture), BSS/BSB
	K-20, L-20, UK-20-S, UL-20-S, U1-20-CS	BMD (picture), BSS/BSB
	UCS, UDC, UDS, UDCS	25A (picture), BSS/BSB, 1725 (sound)
	C, D	25A

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Moviola Mfg. Co.		
35mm		
	P, UPX	DMX, 1725 (sound)
	Preview	1017, 55 (viewing), BSS/BSB, 1725 (sound)
	C-20, D-20, UC-20-S, UD-20-S, UD-20-CS	BMD, BSS/BSB
16mm & 35mm		
	Series 20	BMY (picture), BSS/BSB, 51 (pilot)
	Preview	1017 (picture), 55 (view), BSS/BSB
MPO Videotronic Projector Corp.		
8mm Movie		
	Videotronic	DLS
	Videotronic Super 8	DNF, ELZ, ELV
Mundus Co.		
Slide		
	Club	CBJ/CBC
Muray		
8mm Movie		
	I.S. 200, Auto Sound	EFP
Naren Industries, Inc.		
Slide & Filmstrip		
	Polarama N-301, N-301-P	CLS/CLG, CMV/CMT
	Polarama N-501, N-502A, N-502-P	CZX/DAB, CXY
Norelco		
16mm Movie		
	Mark-Lite ML-5100	Colorarc 300/16
Noris		
8mm Movie		
	Universal, Record L50, L100, L, D	EFM
	Norimat S & SD, Norimat Deluxe, Record 100, L100, D100	EFP
	President	EFR
National Picture Service, Inc.		
Slide & Filmstrip		
	National D, No. 1	DMS
Natl. Pizza Corp.		
8mm Movie		
	Rear Screen Super 8	ENB
OCE-Elliott, Inc.		
Microfilm		
	BKE Conference Projector	DYS
Operadio Mfg. Co. (See DuKane)		
Slide & Filmstrip		
	Explainette 100, 14A35	CDS, CBJ/CBC
	Explainette Automatic 14A90	CEW/CFC, CDS
	Explainette Educator 14B56, 14C56	CXK, CXY
	Explainette 300, 14B55, 14C55	CXK, CXY
Optica		
8mm Movie		
	M.F. 914 I.Q., M.F. 914 S.I.Q.	EFP
Optics Mfg. Corp.		
Slide & Filmstrip		
	Opta-Matic 910, Custom 950	DGA, CRA
Optitronics Corp.		
Slide & Filmstrip		
	Spectra Mark I	DAK, DAY

Manufacturer	Type & Model	Lamp Code
Ozalid (Div. General Aniline & Film Corp.)		
Opaque & Transparency		
	Porta-Lite 7, 10	CZA/CZB
	Porta-Lite 100	CTT/DAX, CWA
	Projecto-Lite	BFH, DPJ, DMX
Paillard, Inc.		
8mm Movie		
	Bolex—18-5, Auto, Zoom	CXL
	Super 8	FCR
	18-5L	EFN
	18-9 Duo	EFP
	M-8, M-8R, M-8S	CZX/DAB, CXY
	G8-16	DDB/DDW, CZX
	SM-8 Sound, SP-8 Sound	EFP
	Multimatic	EJA
16mm Movie		
	S-211, S-221, S-311, S-321	DDB/DDW, BFX
	G8-16, G-16	DDB/DDW, BTD
	421	ELH, CZX/DAB
Paromel Electronics Corp. (See DeVry)		
Petri-Kine		
8mm Movie		
	Raynox Dual	CXL
	Royal RS	CXL
	Dahlia	CXL
	Hawk, Sono Hawk	CXL
Phototronic Corp. of America		
8mm Movie		
	Phototronic 400	DHJ
	Phototronic 800	DEF, DCA
Photronix		
Microfilm		
	Scan Executive 10/40	CWA, DAH
Pictronics Corp. (See Anson Research Co.)		
Picture Recording Co.		
Slide & Filmstrip		
	Pictur-Vision 55, 75, 75-B, 1555-C, 2075, 5516	DDY, DGH
C. F. Planet		
8mm Movie		
	S80, S81, S82	EFM
	P.R. 2000, P.R. 2001, P.R. 2002	EFN
Plank		
8mm Movie		
	Super 8T	EFP
Polaroid Corp.		
Slide & Filmstrip		
	Polaroid 610	CZX/DAB, CXY
Ponder & Best, Inc.		
8mm Movie		
	Dual-8 #733	DNE
	Dual 8 733A	CXL
Slide		
	Color Slide Projector	CDS
Frederick Post Co.		
Micro-Film Reader		
	640	EJN
	Microfiche	DRS

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Manufacturer	Type & Model	Lamp Code
Precision Laboratories		
Sound Viewer		
	600, 600 RL, 650 RL, 800, 800 RL	BSS/BSB
Prinz		
8mm Movie		
	Magnon Super I.Q.	EFP
Projection Optics Co., Inc.		
Opaque & Overhead		
	Transpaque Jr., Transpaque Auto-Level	DRB/DRC
	Transpaque II	DMX
	Transpaque 20/20, 21400, 21401, 21402	DYS
	Travel-Graph 400	FAL
	Travel-Graph 600	FCB
	Travel-Graph 1000	BRH
	Travel-Graph 21000UH	DYR
	Travel-Graph 21000	DYR
	Travel-Graph 21000-UN	DYR
	Travel-Graph 21000-RX-CC, 21000-RXB-CC	FCB
	Travel-Graph 21000-U	DYS
	Travel-Graph 21100-AA, 21100-CC, 21100-EE	BRH
	Travel-Graph 21105, Resolute	BRH
	Travel-Graph 21106, Resolute	FCB
	Travel-Graph 21101-AA, 21101-CC, 21101-EE	FCB
	Travel-Graph 21101-RR	DYR
	Travel-Graph 21101-SS	DYS
	Travel-Graph L-101, L-101-XX	FCB, FAL
	Travel-Graph L-101-AA, -AN, -KK, -MM, -SS, -WW, -VV	DYS
	Travel-Graph L-101-RR	DYR
	OpaScope, Projex 1010	DRC/DRB, DRS
Projection Service Co.		
16mm Movie		
	Talk Pix 5, 6, 7	CDD, CBJ/CBC, BXB
35mm Movie		
	Talk Pix 8, 9, 10	CXK, CXY, BXB
	Talk Pix 16, 20 Sheffield	DDB/DDW, CZX/DAB, CXY, BXB
Projectograph Corp.		
Slide & Filmstrip		
	DeLuxe 1650, 1750, 1775, 1875, 1850W	7.5A/T8SCP
	A, B, C	1183
Quick-Set, Inc.		
Slide & Filmstrip		
	Super 300	DGA, CRA
	Three-O-Three	CAL
	505	CZA/CZB
Radiant-Pathe, Inc.		
8mm Movie		
	Pathe-Noris 3810, -Z, 3820, -Z	BXT
	Pathe-Noris Super-8 3830, -Z, 3840, -Z	FCR
Slide		
	Pathe-Noris V24	FCS
Microfilm Reader		
	Pathe Film Reader	CCM/CHD, CGP/CFC
RCA Corp.		
16mm Movie		
	1600	CYS, CTT/DAX, CWA
	M1-35051- B/C,/D,/E	BAK (sound)
	M1-35051-A	BTD (sound)
	1600 HL	Colorarc 300/16
	FP-5, -10, -20, -205, PB-139, PG-71, -170, -200A, -201	DDB/DDW, CZX/DAB
	PB-29, PG-38	CEW/CFC, CDS, CBJ/CBC
	PB-80, PG-60	CZX/DAB, CXY
	400 Junior, -Senior (*)	DFD, DDB/DDW

Manufacturer	Type & Model	Lamp Code
RCA Corp.		
16mm Movie		
	Magnetic: MI-35000, -001, 002, 007, 008, 014, 050 (*)	DFD, DDB/DDW
	MI-35006, 35016A, 35017A, 35018A	DFD, DHT, DDB/DDW BGB/BGK
	TP-6, TP-6A	DGS, DEC
	TP-16	DFD, DFT
	TP-66	DGF
	(*) Green finished models may also use DHT.	
35mm Movie		
	Photophone PP-17, PG-29, PP-6, PG-5	DSB
	Photophone MI-1151, 1152, 1153, 1154, 1155	DTJ, DSB
	Photophone MI-1156 to 1161	DTJ, DSB
	TP-35CC	DGS
Sound Lamp		
	PB-29, PG-38, PB-80, PG-60, PG-139, PG-71	BFT
	FP-5, -10, -20, -205, 400 Jr., Senior, MI35000, 002, 007, 008, 014, 050, PG-170, -200A, -201	BGB/BGK
	TP-6A	5A/T8SCP/1
	TP-66	BSS/BSB
	Photophone MI-1156 to 61	7.5A/T85C, 5A/T8SC
Slide & Filmstrip		
	TP-7	CXK
	RCA-M	CAV/CAS
	RCA-Q	CDS, CDD, CBJ/CBC
	RCA-F	CVX/CVS
Realist, Inc.		
Slide & Filmstrip		
	620	DGA, CRA
	620 DeLuxe	CRA
	200, 400, Automatic	CAR, BEH
	990	CZA/CZB
	Stereo Realist ST-81	CZX/DAB, CXY
	Stereo Realist ST-82	DFD, DFT, DDB/DDW
	Vista Model 3182, Vista III Model 3181	BEH
	3310, 3330	DFF
	3320 to 3336 Vangard	DCW, FDS, EKX
	3337 to 3350 Vista	EKX
	3351 to 3359 Vantage	FDS
	3360 to 3362 Swinger	#1509, FCR
	3363 to 3365 Compact	FHD
Microfilm Reader		
	Super Light, Model 3400	DFT, DHT, CYS
	Super Light, Model 3402	BRN
	Stereo Viewer, Model 2062	6S6
	Stereo Viewer, Model 2061	#14
Recordak Corp. (See Eastman Kodak Co.)		
Reger Mfg. Co.		
16mm Movie		
	Reger 1601	CDS, CBJ/CBC
Retention Communications Systems		
Filmstrip		
	MS, MS-II, MS-10, RCS A.V. Set, Cassette	BEJ
Revere Camera Co.		
8mm Movie		
	Revere AP-718, AZ-718	DEF
	AP-828, APS-829, AZS-830	DEF
	P-80, P-85, P-85X	CZX/DAB, CXY
	90, P-90, P-90X, 777, P777, AZ-777	DDW/DDB, CZX/DAB
	718	DEF, DCA
16mm Movie		
	P-48, P-48X	DDW/DDB
	SP-16	DDW/DDB, 6S6 (Pilot)
	SPR-64	DDW/DDB
Sound Lamp		
	SP-16 (serial to 15,000)	BSK
	SP-16 (serial above 15,000)	BRK
	SPR-64	BRK

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Revere Camera Co.		
	Slide & Filmstrip	
	T-100, Q	CDS, CDD
	444	CYB
	503, 553	CLS/CLG, CMV/CMT
	505, 505-S, 555, 808, 888, 888-D	CZX/DAB, CXY
Revue		
	8mm Movie	
	Universal 500J, Super 8 310J, 3000J	EFN
	2000 H Sound	EFP
Rhaco		
	8mm Movie	
	Duo Kino	EFN
Rhede Corp.		
	Overhead	
	Deskvue	DVY, DYH
Richard Mfg. Co.		
	Filmstrip	
	Poly-Vue Presentation	CAR
Richmond Research Corp.		
	8mm Movie	
	600, 800	DFA, DFG
	Aurora I, II	DFA, DFG
Rollei of America, Inc.		
	Slide	
	Universal, 1704	CWD, DAK
	Rolleiscop Projector	FCS
	Rollei P-35, P-37	FCS
	P83, P84T	EFN
Royal Camera		
	8mm Movie	
	Royal Dual	CXL
	Royal RS	CXL
	Royal Sound	CXL
	Hawk, Sono Hawk	CXL
Sankyo		
	8mm Movie	
	8VP	DCA
	Dualux 8, 1000	CXL
	Dualux 2000H	EFP
Sawyer's Inc. (GAF Corp.)		
	8mm Movie	
	Crestline CRP II, 800, S800, Super 8	DJA/DFP, DCH/DFP
	Slide & Filmstrip	
	Sawyer's 500—A, EE, ER, R, S, T	DAK, DAY, CWD
	A, ER, R, RF	DAK, DAY, CWD
	RI, 550	DAK, DAY, DBS
	Crestline—A, C, DeLuxe, Special	DAK
	501, 503, 505	DAK, CWD
	800, Z, S800	DCH/DFP
	Grand Prix 570AF, 570M, 570R	DAK
	View-Master—Junior, Standard	BVB
	30W Standard	BVR
	DeLuxe	CEM, CDS
	300 DeLuxe, 300 Custom	CYC, CTM
	100W New DeLuxe	CDX, CEL/CDK
	S-1	CBJ/CBC, CAV/CAS
	Stereo-Matic 500	CZX/DAB, CXY
	100W DeLuxe	CEA
	View-Master	
	Projection Insta-Load	CAL
	Projector/Viewer	CDK
	Talking View-Master Lighted	#245

Manufacturer	Type & Model	Lamp Code
Sawyer's Inc. (GAF Corp.)		
	Slide & Filmstrip	
	Projection Display Kit DS-42-43	CRT
	Rotomatic—600, -A, 700, -A, 717A	DAK, DAY, CWD, CYK
	727AQ, 737AQ	DYY, CWD, EGH
	707Q	FBD
	707AQ, 707AQZ	BCK
	747AQ, 747AQZ	EGH, DYY
	700AI	EGH, DBS, DAY, CWD
	Rotodisc 500XR, XM	DAK, DAY, CWD
	Roto-Show	CYK, CRT
	Roto-Show 701	DAK, DAY
	Tru-Vue	BVB
	Pana-Vue—All	#245 (Miniature Lamp)
	Viceroy M1, M3, M4	DAK, DAY
Scott Education		
	Overhead	
	Technifax 10X10	DRS, DGH
Sears, Roebuck & Co.		
	8mm Movie	
	Sears—8460	DDB/DDW, CZX/DAB
	8434	DAK, DAY
	9209	DFZ
	9280, 9282, 9288, 9289, 9299	DLS/DHX
	9266, 9269, 9277, 9287, 9293	DFA
	Automatic 9283, 9285, 9290, 9291	DEF, DCA
	Automatic 9292, 9270, 9271	DFC/DFN
	Automatic 1900	DEF
	Super Automatic, 1910	DLS/DHX
	Super Automatic 9202, 9203	DLS/DHX
	Super-8 9206	DJL
	Du-All 9212, 9213	DFG
	Du-All 8 Cassette 3H9ZIOC	DLD
	Du-All 8 Reel 3H9256C	DFZ
	Du-All 8 Reel 3H9253C	DFZ
	Du-All 8 Reel 3H9232C	DGB
	Du-All 8 Reel 3H9228C	DJA
	Dual Speed 9200, 9201, 9204, 9205	DJL
	Soundstage 9254, 9255	DCH/DFP
	Soundstage II 9258, 9259	DCH/DFP
	Super-8 9215, 9216, 9220, 9221, 9222, 9223	DFG
	Super-8 9217, 9218	DCH/DFP, DCL
	92230, 92280, 92290	DCH/DFP
	16mm Movie	
	8401	DFD, DDB/DDW, BSW
	Slide & Filmstrip	
	1800, 1810, 9815, 9824	BEH
	9824, 9815	CAR
	6400, 6363, 9800, 9823	CWD, CAL
	1830, 9830	CRA
	1840	CAL
	1850, 1860	CZA/CZB
	6345, 6346	EDK
	6350, 6353, 6360	CLS/CLG
	6446	BMY, BMD
	6449	BEJ, BEC
	6631, 9800, 9823	CWD
	9826, 9886	DAK
	9833, 9843, 9853, 9863, 9883	DAK
	9840	CAL
	9847, 9865	CZA/CZB
	9870, 9872, 9880, 9885, 9888, 9890, 9895	CZA/CZB
	9871	DGA, CRA
	9875, 9877, 9878	DFG, DEK/DFW
	Continental 9845, 9851, 9855	DHN
	Rear Projection 9928	BLX
	Whisper Matic I, II, III, IV	DAT
Sekonic		
	8mm Movie	
	Sekonic 30-C, 30D	CZX/DAB, CXY
	Sekonic 80P, 80PB, 80J, 260S	CXL
	Sekonic 30HL, 30J	DLG, DLS
	Copal/Sekonic 290, 290S, 290D	CXL/DLH
Selectroslide Co. (See Spindler & Sauppe)		

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Sentry Safety Control Corp.		
16mm Movie		
	Universal III, H, H-3, J	DDB/DDW, CZX/DAB
	H Special, J, K, IV	DFD, DDB/DDW
	L	DFD
Slide & Filmstrip		
35mm Movie		
	Universal 10, 33, 66	DMX, DRS
Sound Lamp		
	H, H Special, H-3, III, IV	4A/T8/25
	J, K, L, M	BFT
	10, 20, 33, 66	4A/T8/25
Silma		
8mm Movie		
	S222, Bivox 421, 428, Autoload 421	EFN
	1200 S.L., 120S	EFP
Singer Corp./Graflex Div.		
16mm Movie		
	Ampro Stylist	DFD, DDB/DDW, BRK
	Graflex-16—715	DLR, DKM, BSW 6S6 (threading)
	800, 815, 820	DKM, DLR, BRK #44 (threading)
	900, 915, 920, 1015, 1020, 1050	DMK, DLR, BSW 6S6 (threading)
	Arc Light Projector 940, 1040	Colorarc 300/16A, BSW
	Insta Load 1115, 1120	EJL, BSW
	Galaxy 10, 15, Super-15	DKM, DLR, BRK, #44 (threading)
Slide & Filmstrip		
	Compact Film Strip	CAR
	Constellation—Serial Numbers 17000 and over, Mark II	DAK, DAY
	Serial to 17000, Automatic	CZX/DAB, CXY
	Graflex—SM-200	CAR
	SM-400	CAL
	SM-1000	DEK, DLN
	Caramate	CAR
	Messenger	CAR
	Communicator	CEB
	Examiner	CBX/CBS
	Executive	CBX/CBS
	Microfilm Reader 1013A	CDK
	Rotator A-11, M-511	CYC, CTM
	Showcase SC-814, 811	BAH
	Standard 66	CAW/CAX
	Traveler	CBX/CBS
	Microfiche 8870	1507
	Audio Study Mate	BLC
	Auto-Vance Study Mate, II	BLC
	Messenger VII, Readermate	1195
	Illustravox—Junior, Salesmaker	CDS, CBJ/CBC
	150M	CEW/CFC
	300A, -RE, -RM	CLS/CLG, CMV/CMT
	Instructor 150	BEH
	Overhead OH 2000, OH 3000	DVY, DYH, DYJ, DYR
	School Master—500, 100, 102	DAK, CZA/CZB
	750	DEP
	500 Model 49	CZX/DAB
George R. Snell Associates, Inc.		
Slide		
	Genarco Master 6800	DPT, DRW
	SM2, SM3, SP1, SP3, 3/M, 3/65, 3/6, SARA60, SARA6000, SASM3, SASP6, SASP12, SASP18, SA65, SA6800	3MT32/2
Soligor (Allied Impex)		
Slide & Filmstrip		
	Deluxe Portable, Jr.	CDS, CBJ/CBC
S. O. S. Photo Cine Optics, Inc.		
Viewing & Editing		
	Acmade Pic-Sync	BVK
	F & B Ceco Pro Jr	CBX/CBS
	Muray Pro 35	CBJ/CBC

Manufacturer	Type & Model	Lamp Code
S. O. S. Photo Cine Optics, Inc.		
16mm Movie		
	Imperial 16, Cinemaphone 16, Educator, Professional	DFD, DDB/DDW, CZX/DAB
35mm Movie		
	Cinemaphone 35T	DRS, DMX
	Duplex-Ace AT	DTJ, DSB
	Duplex-Ace BT	DTJ, DSB
	Streamline	DMS
	Standard	DPT, DRW
	Sound Lamps for all models	4A/T8/25
	X-Radiola	DMX
Spindler & Sauppe, Inc.		
Slide & Filmstrip		
	Selectroslide—0-10	CXK
	J-10	CVS
	0-40, 300, 350, 351	CZX/DDB, DFD
	320, 321	CXK, CXY, CZX
	321 (new)	DEK/DFW, DAH
	322, 330, 331, 332	CDS, CEW/CFC, CGW/CGT
	340	CVS, CXY, CXK, CZX/DAB, DDB/DDW
	SL-750, SLD-750, SLR-750, SLS-750, -B, SLX-750, -B, SLT-750	DDB/DDW, DDY, DGH
	SL-1200, SLM-1200, SLD-1200, SLR-1200	DDB/DDW, DDY, DGH, DFT, DHT
	SLR-1200A, SLR-1200A/766	BRN, BRR, BRP
	SLD-1200A, SLD-1200A/766	BRN, BRR, BRP
	Ultrabrite 1200	BRN
	Selectroslide 900	BRN
	766 Ultrabright	CYS, CTT/DAX
	Spectrum 32	DEK/DFW, DAH, CBA
	Spectrum 96	CWA, CZA/CZB, CAL
Spiratone, Inc.		
Slide		
	Sight 'N Sound	CLS/CLG, CMV/CMT
Standard Projector & Equipment Co.		
Viewers		
	111, LP-10-2, LP-10-3	BLC
	22, 200 (Battery Circuit)	#14 Miniature Lamp
	22, 200, 201, 888 (2)	7C7
	777, 777-2	CAD
	999	DFF
	1491	#4 Flashlight Lamp
	1495, 1995	6S6
	Presentation 35	BLX
Filmstrip Units		
	CP-300	CYC
	331	DFF
	333, 333N, 444	CAR
	500D, 500FS	DAY
	666, 666N, K-100, 330B, 1002, 1004	CAL
	1001, 1001RP, 1003	BCK
Slide and Filmstrip Units		
	333C, 333CN, 333RC	CAR
	500-C2, 500CZ, 500FS, 500RR, 500RR-2	DAY
	500C, 500F, 500Jr. (old)	CZX, CXY
	666C, 666CN, 666RC	CAL
	750A, 750AB	CWA
	750C	DDB
	750RR-2	BRP
	1000C	DFT
Opaque/Overhead Projector		
	RM-2	M1000/BD
Copying Equipment		
	G-72-B	BBA
Standard Projectors, Inc.		
16mm Movie		
	Standard 38, 90	DDB/DDW, CZX/DAB
	Standard SP-38	CZX/DAB, CXY
Supra		
8mm Movie		
	F.P. 100, 100 Duo	EFP

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
SVE—Society for Visual Education		
Microfilm Reader		
	SVE-RM	BMD
Slide & Filmstrip		
	American Cabinet	CVX/CVS
	Senior, AAA, EAF, EAG	CXK, CXY
	Electro-Acoustic—A	CBJ/CBC
	B	BMD
	C	CXK, CXY
	EA	CAV/CAS, CBJ/CBC
	EAD, EAF	CVX/CVS
	EAG	CXK
	EAQ	CDS, CDD, CBJ/CBC
	Entertainer 300	CXK
	Friesco Dental X-Ray	CDS, CDD, CBJ/CBC
	Instructor—300	CXK
	500	CZX/DAB
	750	DDB/DDW
	1000	DFD
Slide & Filmstrip		
	Jam Handy—C, D, F	CVX/CVS
	Pocket Exp., K, L, M, Jr.	CAV/CAS
	Q	CDS, CDD
	RW	CLS/CLG
	Picturol—C, D, F	CVX/CVS
	G, G-2	CXK
	Q	CDD
	Q-3	CEW/CFC, CDS
	Automatic	DLC, CVX/CVS
	K, L, M, S, Jr., Pocketer	CAV/CAS
	SO	CXK, CVX/CVS
	Skyline—A, 200-B	CGW/CGT
	B, C, D, 300-B Deluxe	CLS/CLG
	500	CZX/DAB
	SVE—Slidette	CEW/CFC
	Dental X-Ray	CDS, CDD, CBJ/CBC
	SVE—Miniature RK (X Ray)	CDS, CDD, CBJ/CFC
	Miniature DK	CEW/CFC
	Miniature AK	CXK
	Schoolmaster 300	CLS/CLG, CMV/CMT
	Tri-Purpose—AA, AAA, AAA-2	CXK
	BB, CC	CDS, CDD, CBJ/CBC
	DD	CEW/CFC
	FF	CVX/CVS
Synchromat Equipt. Corp.		
Slide		
	Model S	DAK, DAY
Synchronex Corp.		
8mm		
	SP-169 Sound	DNE
Tadie		
8mm Movie		
	TC8	EFR
Takita		
8mm Movie		
	1000	EFP
Tandberg		
8mm Movie		
	Videotronic	DEF
J. Y. Taylor Co.		
Opaque		
	Spotlight TS-1, TS-3, TS-4, TS-5, TS-6, TS-7	DRS, DRC/DRB
Taylor Industries, Inc.		
Slide & Filmstrip		
	Taylor Stereo D-52	CGW/CGT, CEW/CFC
TDC (See Bell & Howell)		

Manufacturer	Type & Model	Lamp Code
Teaching Technology Corp.		
Overhead		
	1055	DRS
Tech Photo Products, Inc.		
Slide		
	Colormatic 35, EC	CYC, CTM
Technicolor Inc.		
8mm Movie		
	500, 800	DLH/DFP, DCL
	800D	DCL
	610, 810	DCF
	1000	EHB, ENB, EJV, EKE
	SM3, SM14	DCL
	Transcom	Colorarc 300, EMB
	510, 580, 260	DJA
	820, 270, 280	ELE, EPF
	520	DGB
	2050, 2000E, -M	ENV, EPG
	2000	DZN
Technical Devices Corp.		
8mm Movie		
	Fodeco 8	DDB/DDW, CZX/DAB
Tel-A-Story, Inc.		
Slide		
	JD	CGE
	12, JD-4, KS	DDY, DGH
	Senior, Master, Narrator	CDK, CBX/CBS
Viewer		
	Junior	CAW/CAX
Teleprompter Corp.		
Opaque		
	Translator V	DRB, DRC
T.H.D.M.		
8mm Movie		
	TC8 Master	EFR
Thomas Publishing Co.		
Film Reader		
	TM-C Reader	CRT
T. M. Visual Industries, Inc.		
Slide & Filmstrip		
	TMC Showoff 2010, Showmatic	CDS
	Synchromatic AV 2000	CLS/CLG
Overhead		
	Carri-Vue	DYS
Triangle Projectors, Inc.		
16mm Movie		
	Model 1200, 1600	DAG, CYG
TSI-Technical Service, Inc. (See Kalart Victor Corp.)		
16mm		
	TSI—De Vrylite D3 Suitcase	DFD, DDB/DDW, BRK
16mm Movie		
	TSI—De Vrylite DU5, 15R	DFD, DDB/DDW, BRK
	Duolite ST-3	CMV/CMT, CLS/CLG
	Duolite ST-18, STV-18, STVA-18	DDB/DDW, DFD, DHT, BSS/BSB
	Moviematic STM-18	DDB/DDW, DFD, DHT, BSS/BSB
	Moviematic STM-3, TM-3, STM-3C, TM-3C	CMV/CMT, CLS/CLG, BSS/BSB
	Teclite S-18, S-20	DDB/DDW, DFD, DHT, BSS/BSB

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Universal Camera Corp.		
	8mm Movie	
	Cinematic 752	DDB/DDW, CZX/DAB
	P8, PC10, PC300	BWY
	P500, PC500	CZX/DAB
	Univex PU8, PU300	CGD
	Univex 750, 752, P750, P752	DDB/DDW, CZX/DAB
	16mm Movie	
	Tonemaster	DFD, BFT (sound)
Universal Sound Systems, Inc.		
	16mm Movie	
	Apex P	DDB/DDW, CZX/DAB, BFT
	Apex R, S	DFD, DDB/DDW, CZX/DAB, BFT
U.S. Projector Corp.		
	16mm Movie	
	Success-O-Vox	CFY, CEG
	Filmstrip	
	Adslide B	CFY, CEG
Van Der Schalie Corp.		
	16mm	
	Contimovie	DDY, DGH, BRK (sound)
Vicom, Inc.		
	8mm Movie	
	Vicaudio Mark I	DHJ
Victorlite Industries, Inc.		
	Opaque & Transparency	
	Visualcast Traveler, Instructor	DMX
	Visualcast 3000	DMX, DRS
	Visualcast 4000	DRS
	Visualcast 5000	FAL
Victor Animatograph Corp. (See Kalart Victor Corp.)		
	16mm Movie	
	Victor—3	CVX/CVS
	3-R, 7-R	CZX/DAB, CXY, CXK
	7	CXY, CXK
	10RH	CXK
	10, 10E, 10FH, 12-A, 12-B, 25	CZX/DAB, CXY, BXJ
	11, 20, 21, 22, 26, 31, 33, 36	DDB/DDW, CZX/DAB
	16, 16S, 24A, 24B, 24C, 24AB, 25AC, 40A, 40B, 41A, 41B, 38	DFD, DDB/DDW, CZX/DAB
	40C, 41C	DDB/DDW, CZX/DAB
	55, Lite-Weight, 56, Envoy	DDB/DDW, CZX/DAB
	60 Triumph, 60-2, 60-10, 60-25, 65-10, 65-25	DFD, DDB/DDW, CZX/DAB
	60-4, 65-4, 65-0	DDB/DDW, CZX/DAB
	Sound Lamps	
	24-A, 24-B, 24-C, 24-AB, 25-AC, 26, 38, 40	BXJ
	31, 33, 36	BSW
	40A, 40B, 41A, 41B (serial below 63017)	BXJ
	40A, 41A (serial 63018 to 64055), 40B, 41B (serial 63018 to 63929)	BXB
	40A, 41A (serial 64056 & over), 40B, 41B (serial 63930 & over), 40C, 41C	BVK
	55 Lite-Weight, 56 Envoy, 60 Triumph, 60-2, 60-4	BVK
	EE-Arc, 60-10, 60-25, 65-4, 65-10, 65-25, 1600 Arc	BVK
	Slide & Filmstrip	
	Magnascope	CGW/CGT, CEW/CFC
	Victor 2	DMX
	Victor Hi Power	DPT, DRW
	Viewing & Editing	
	Victor Projecto-Editor VE-16, -1643, VKE-16	CBX/CBS
Videosonic Systems		
	Slide	
	102B, BR, 600	CDS

Manufacturer	Type & Model	Lamp Code
Viewlex, Inc.		
	Microfilm Reader	
	Viewlex	CZX/DAB, CXY
	8mm Movie	
	VOS	DCA, DEF
	16mm Movie	
	Cine Sound	CZA/CZB, BRX
	JAN AQ-2, AQ-3, AQ-4, AQ-6	DFD, BSK
	MARC-300 JAN	Colorarc 300/16A, BSK
	Super 1600, 35043, 35181	EJL, BAK
	Slide & Filmstrip	
	Viewlex AP-1, AP-2, -3, -5, -1C, -2C	CEW/CFC, CDS
	AP-22C, -33, -55	CLS/CLG, CMV/CMT
	AP-7CT, Viewmatic	DDB/DDW, CZX/DAB, CXK
	AVS-10A	EJZ
	V-2, V-3, -4, -5, WR-2, -3, -4	CGP/CFK
	V-2C, V-4S, WR-23	CGP/CFK
	V-8, -8R	CAR
	V-22, -22C, -33, -44, -44S, V-53, VT-22, VTA-22R, WR-22C, WR-33	CLX/CMB, CCM/CHD
	V-25, -35, -45, -500	CZX/DAB, CXY
	V-83A, V-83R	CAL
	V-85	BCK
	Projectomatic 300	CLX/CMB, CCM/CHD
	Project-O-Matic 500, Powermatic, Instruct-O-Matic	EDK
	V-25P, -500P, -45P, VH-25, VHA-25R	DAK, DAY
	V-27, VH27, VHA-27R	CWA, CZA/CZB
	WHD-25, -45, WV-500	DAK, DAY
	WRA-22	CLX/CMB, CCM/CHD
	Language Station, Preview Sr., Table Talk, Sight & Sound, Viewtape	CBV/CBC, CAV/CAS
	BOP	BWC (6V), BXT (12V), CDD (120V), CJW (230V)
	Superviewer V134, -5, -6, -7, -8	BLX
	V1200	DZC
	Superviewer V190, -1, -2, -3	EJZ
Visual Impact Materials, Inc.		
	Overhead	
	CIP overslide	DEL
Vokar, Inc.		
	Slide & Filmstrip	
	Vokar C, D, FT	CDD, CBJ/CBC
Walter Voss, Inc.		
	Slide & Filmstrip	
	Kindermann 300	CXK, CXY
	Kindermann Esquire 500	CZX/DAB, CXY
Walsh Brothers Co.		
	Slide & Filmstrip	
	Adslide B	CFY, CEG
Weber Machine Corp.		
	35mm Movie	
	Syncrofilm E, H	DSB, 7.5A/T8SC (sound)
Webster Co.		
	Slide & Filmstrip	
	Projecto-Sell AP-26, 32, 42, 45	CEW/CFC, CDS, CBJ/CBC
	Projecto-Sell AP-75, 78	CVX/CVS, CTL
Weimet Film Co., Inc.		
	Slide & Filmstrip	
	Weimet	CBJ/CBC, CBX/CBS
	Weimet A DeLuxe	CGP/CFK
Wenzel Projector Co.		
	16mm Movie	
	Ace	DFD, DDB/DDW, 4A/T8/25 (sound)
David White Instrument Co. (See Realist, Inc.)		

projector and lamp reference guide

Manufacturer	Type & Model	Lamp Code
Whitehouse Products, Inc.		
Filmstrip		
	FS-250	BLC
Willoughbys		
Slide & Filmstrip		
	Zett	CDS
H. Wilson Corp.		
Overhead		
	Model 2200, 2200B, 2200C	FAD, DWY
	2200E, 2200W	EKD, DYS, DYV, DYJ
Wollensak Optical Co. (See Revere)		
8mm Movie		
	Wollensak 715, AZ-715, P-715, 18	DDW/DDB, CZX/DAB
	AP-818, AZ-818	DEF
16mm Movie		
	Wollensak 65, P-65	CZX/DAB, DDB/DDW
Slide & Filmstrip		
	Wollensak 815	CZX/DAB, CXY
	835	CZA/CZB
Yashica		
8mm Movie		
	8P3—RS	CXL
	8P2	DLS/DHX
	8PC	EKP
Yelco		
8mm Movie		
	P111Q, P35SRH, P35SH	EFP
Zeiss		
8mm Movie		
	P.890, P.809 Sound	EFR
Zeiss Ikon—Voigtlander		
8mm Movie		
	Movilux S-8, DS-8	FCR
	Movilux 8A, B, R	CXL
	18-9 Duo, SP8, P880	EFP
Slide		
	Ikolux AJ24	FCS
	Perkeo Automat, AF, J-150	FCS
	Perkeo Automat J	FCR
	Zeiss P-500	FCS

SYLVANIA

projector lamp substitution guide

The Substitute Lamp Guide is arranged as follows:

1. Original Lamp Requested
This column describes the lamp requested by the customer. Lamps are arranged alphabetically by ANSI code (formerly called ASI and ASA). The lamps are further identified by wattage and lamp end (clear or blue top).

2. Recommended Replacement or Substitution
Substitute lamps which may be used instead of requested lamps are listed in this column. These columns contain information identical to **Original Lamp Requested** for quick wattage and lamp-end comparison.

3. Note:

Higher Wattage Lamp Substitution:
Should be used only if sufficient air cooling is available within the equipment.

Proximity Reflector Lamps Substitution:
Projectors with condenser optics utilizing projection lamps and an external reflector could be substituted with lamps containing the reflector inside the bulb if cooling permits.

Tru-flector Lamp Substitution:
Lamps utilizing integral reflectors have metal reflectors and dichroic coated reflectors. These lamps are interchangeable if the "focal distance" is equal, besides other physical dimensions, and electrical characteristics. Dichroic coatings reduce heat levels.

Standard Projector Lamps
Generally, these lamps should not be used in place of proximity lamps, because projectors made for proximity lamps do not have an internal reflector.

Dichroic Reflector
Substitutions for regular internal reflector lamps are possible, providing lamps with internal dichroic reflectors are used. DEF may be substituted for DCA, or DLS for DLG, for instance. Although dichroic lamps give the same amount of light, they operate 50 percent cooler.

Internal Reflector
The cooling system of dichroic lamp projectors is generally inadequate for hotter burning lamps. Therefore, regular internal reflector lamps cannot substitute for dichroic reflector lamps. For example, don't use DCA for DEF, or DLG for DLS.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
BAH (Photo Copy)	Frosted	300	BBA	250	Less	More	Same
BAJ (Dark Room)	Amber	25	No Substitution				
BAK (exciter)	Clear	.75A.	BRS	.75A.	Less	Same	Same
BAS (Dark Room)	Ruby	25	No Substitution				
BBA (Superflood No. 1)	Frosted	250	No Substitution				
BCA (Superflood No. B1)	Frosted	250	BAH	300	More	Less	Same
BCK†	Clear	500	CZA BCL	500 300	Less More	Same Less	Same Less
BCL†	Clear	300	CZA* BCK*†	500 500	More More	More More	More More
BCS	Clear	120	No Substitution				
BDW	Clear	150	No Substitution				
BEB	Clear	200	No Substitution				
BEC	Clear	150	BEJ*	200	Same	More	More
BEH	Blue Top	150	CAR	150	Same	Same	Same
BEJ	Clear	200	BEC	150	Same	Less	Less
BEL	Blue Top	300	No Substitution				
BEN	Blue Top	300	No Substitution				
BEP (Movie Light R-30)	Frosted	300	No Substitution				
BES	Clear	30	No Substitution				
BEV	Clear	150	No Substitution				
BEY	Clear	20V., 5A.	No Substitution				
BFA (Movie Light R-40)	Frosted	375	No Substitution				
BFK	Blue Top	750	DGH	750	More	Less	Same
BFL	Blue Top	750	DGH	750	More	More	Same
BFR	Clear	10.8V., 3A.	No Substitution				
BFT (exciter)	Clear	4V., .75A.	No Substitution				
BFX (exciter)	Clear	4V., .75A.	No Substitution				
BGB/BGK (exciter)	Clear	.75A.	No Substitution				
BHA	Clear	4V., .75A.	No Substitution				
BHB	Clear	250	No Substitution				
BHD	Clear	100	BHF	100	Same	Same	Same
BHF	Blue Top	100	BHD	100	Same	Same	Same
BJC	Clear	30	No Substitution				
BJS	Clear	15	No Substitution				
BJV	Clear	65	No Substitution				
BJW	Clear	35	EET	35	More	Less	Same
BKC	Clear	15	BKG	15	Same	Same	Same
BKF	Clear	45	BVR	30	Less	More	Same
BKG	Clear	15	BKC	15	Same	Same	Same
BKR	Clear	30	BJS	15	Less	Less	Less
BKV	Clear	30	BLR*	50	Same	More	More
BLC	Clear	30	BLX*	50	Same	More	More
BLK	Frosted	30	BKR	30	Same	Same	Same
BLR	Clear	50	BKV	30	Same	Less	Less
BLX	Clear	50	BLC	30	Same	Less	Less
BMA	Clear	150	No Substitution				
BMD	Clear	100	BMY	100	More	More	More
BMG	Clear	100	BLX BMH	50 100	More More	Less Less	Less Same
BMH	Clear	100	BHG	100	Same	Same	Same
BMY	Clear	100	BLR BMD	50 100	Same Less	Less Less	Less Same
BNF	Clear	75	BLX	50	Same	Same	Less
BNS		30	No Substitution				

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	**Lamp End**	**Watts or Amperes**	**ANSI Code**	**Watts or Amperes**	**Life**	**Light**	**Heat**
BPD (Dark Room)	Amber	10	No Substitution				
BPG (Dark Room)	Ruby	10	No Substitution				
BRD (exciter)	Clear	4V., .75A.	No Substitution				
BRH†	Clear	1000	DXW† DXN†	1000 1000	More Less	Less Less	Same Same
BRK (exciter)	Clear	4V., .75A.	No Substitution				
BRN†	Clear	1200	BRR†	1000	More	Less	Less
BRP†	Clear	750	BCK†	500	Same	Less	Less
BRR†	Clear	1000	BRP†	750	Same	Less	Less
BRS (exciter)	Clear	4V., .75A.	BAK	.75A.	More	Same	Same
BRX (exciter)	Clear	6V., .1A.	No Substitution				
BSA (exciter)	Clear	.5A.	No Substitution				
BSC	Clear	750	DZD BSD	1000 750	Same More	Same Less	More Same
BSD	Clear	750	EFX BSC	500 750	Same Less	Same More	Less Same
BSK (exciter)	Clear	6V., 1A.	No Substitution				
BSS/BSB	Clear	6V., 1A.	No Substitution				
BSW	Clear	7V., .20A.	No Substitution				
BTA	Clear	1000	BVA	900	More	Less	Same
BTC	Clear	1000	DGS	1000	More	Same	Same
BTD (exciter)	Clear	7V., .20A.	No Substitution				
BTG	Clear	1200	DBX	300	Less	Same	Same
BTK	Clear	20	No Substitution				
BTL	Clear	500	BTM BTN CZX	500 750 500	Less Same Same	More Same Same	Same More Same
BTM	Clear	500	BTL BTP CZX	500 750 500	More Same Same	Less More Same	Same More Same
BTN	Clear	750	BTP BTR BFK	750 1000 750	Less Same Same	More Same Same	Same More Same
BTP	Clear	750	BTN BTR BFK	750 1000 750	More Same Same	Less Same Same	Same More Same
BTR	Clear	1000	BTN DFT	750 1000	Same Same	Same Same	Less Same
BVA†	Clear	900	BVE†	625	Same	Less	Less
BVB	Blue Top	30	No Substitution				
BVE	Clear	625	No Substitution				
BVL (exciter)	Clear	6V., 1A.	No Substitution				
BVN†	Clear	750	CBF/DEL†	500	Less	Less	Less
BVR	Blue Top	30	No Substitution				
BVS	Clear	6.5A.	BVX	6.5A.	Same	Same	Same
BVT	Clear	1000	BVV	1000	Less	More	Same
BVV	Clear	1000	BVT CWZ	1000 1500	More Same	Less Same	Same More
BVW	Clear	2000	CWZ BVV	1500 1000	Same Same	Same Same	Less Same
BWA	Clear	2000	CXZ	1500	Same	Same	Less
BWC	Clear	50	No Substitution				
BWJ	Clear	50	No Substitution				
BWR	Clear	50	No Substitution				
BWY	Clear	50	No Substitution				
BXB (exciter)	Clear	8.5V., 4A.	No Substitution				
BXE (exciter)	Clear	7.5A.	No Substitution				
BXT	Blue Top	100	No Substitution				

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
BYD	Clear	100	No Substitution				
BYM	Clear	175	No Substitution				
BYR	Clear	75	No Substitution				
BZG	Clear	100	No Substitution				
BZW	Clear	50	CAV/CAS CBJ/CBC*	50 75	Same Same	More More	Same More
CAC	Clear	50	CAW/CAX CAJ	50 50	Same Same	Less Less	Same Same
CAD	Blue Top	75	No Substitution				
CAE	Blue Top	100	CDD CEM	100 100	Same More	Same Less	Same Less
CAG	Clear	50	No Substitution				
CAJ	Blue Top	50	CAW/CAX	50	Same	Same	Same
CAL	Blue Top	300	CWD CXP	300 300	Same Same	Same Same	Same Same
CAR	Blue Top	150	BEH	150	Same	Same	Same
CAV/CAS	Blue Top	50	CBJ/CBC*	75	Same	More	More
CAW/CAX	Clear	50	CBX/CBS*	75	Same	More	More
CBA†	Ceramic Top	500	CBF/DEL†	500	Less	More	Same
CBF/DEL†	Ceramic Top	500	CBA†	500	More	Less	Same
CBJ/CBC	Blue Top	75	CAS/CAV	50	Same	Same	Same
CBX/CBS	Blue Top	75	CAW/CAX	50	Same	Same	Same
CCB	Clear	75	No Substitution				
CCK	Clear	75	CEG	100	Same	More	More
CCM/CHD	Blue Top	200	CGP/CFK	150	Same	Less	Less
CDD	Clear	100	CBJ CEM	75 100	Same More	Less Less	Less Same
CDJ	Clear	100	CEB	100	Same	Same	Same
CDK	Opaque	100	CBX	75	Same	Same	Less
CDS	Blue Top	100	CBJ/CBC	75	Same	Less	Less
CDX	Clear	100	CDS	100	Same	Same	Same
CEA	Opaque	100	CDK	100	Same	Same	Same
CEB	Clear	100	CBX	75	Same	Less	Less
CEG	Clear	100	CCK	75	Same	Less	Less
CEL	Blue Top	100	CBX/CBS	75	Less	Less	Less
CEM/BFB	Blue Top	100	CBJ/CBC	75	Less	Less	Less
CER	Clear	100	No Substitution				
CET/CHG	Blue Top	200	No Substitution				
CEW/CFC	Blue Top	150	CEM	100	More	Less	Less
CFA	Frosted	100	CBJ	75	Same	Same	Less
CFC	Blue Top	150	CEW CHK CGW	150 150 200	Same More Same	Same Less Same	Same Same More
CFK	Blue Top	150	CGP CEL CCM	150 120 200	Same More Same	Same Less Same	Same Same More
CFY	Clear	150	CET/CHG*	200	Same	More	More
CGD	Clear	150	No Substitution				
CGE	Clear	150	No Substitution				
CGF	Blue Top	150	CGP/CFK	150	Less	More	Same
CGP/CFK	Blue Top	150	CEL	100			
CGW/CGT	Blue Top	200	CEW/CFC	150	Same	Less	Less
CHG	Clear	200	CET	200	Same	Same	Same
CHK	Blue Top	150	CEW/CFC	150	Same	Same	Same
CHS	Clear	50	CHW	50	Same	Same	Same
CHW	Blue Top	50	CJD*	75	Same	More	More

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	**Lamp End**	**Watts or Amperes**	**ANSI Code**	**Watts or Amperes**	**Life**	**Light**	**Heat**
CHY	Clear	50	CJJ*	75	Same	More	More
CJD	Clear	75	CHW	50	Same	Less	Less
CJJ	Clear	75	CHY	50	Same	Less	Less
CJT	Clear	100	CJW	100	Same	Same	Same
CJW	Opaque	100	No Substitution				
CJX	Clear	100	CJJ	75	Same	Less	Less
CLS/CLG	Blue Top	300	CGW CMV/CMT	200 300	Same Same	Less More	Less Same
CLX/CMB	Blue Top	300	CCM	200	Same	Less	Less
CMA	Clear	300	CMK	300	Same	Same	Same
CMK	Clear	300	CMA	300	Same	Same	Same
CMS/CNC	Clear	300	CLX/CMB	300	Same	More	Same
CMV/CMT	Blue Top	300	CLS/CLG	300	Same	Less	Same
CNJ	Clear	125	No Substitution				
CNP	Blue Top	300	No Substitution				
CNS	Clear	125	No Substitution				
CNX	Clear	4.3A.	No Substitution				
CPB	Clear	10A.	No Substitution				
CPF	Blue Top	300	No Substitution				
CPG	Clear	18A., 6V.	No Substitution				
CPR	Clear	18A., 6V.	No Substitution				
CPW	Clear	18A., 6V.	No Substitution				
CRA	Blue Top	300	DGA	300	Same	Same	Same
CRC	Clear	6A., 11-12V.	No Substitution				
CRL	Opaque	300	No Substitution				
CRS	Blue Top	300	No Substitution				
CRT	Blue Top	300	CAL	300	Less	More	More
CRX	Blue Top	300	CRL	300	Same	Less	Same
CSF	Blue Top	300	CXH	300	Less	More	Same
CSH	Blue Top	150	DFF	150	Same	More	More
CTB	Clear	250	No Substitution				
CTD	Blue Top	150	CXG	150	Less	More	Same
CTL	Clear	150	No Substitution				
CTM	Blue Top	200	CYC*	300	Same	More	More
CTR	Clear	140	No Substitution				
CTT/CTS	Blue Top	1000	CWA CYS* CZA BRR† BRN†	750 1200 500 1000 1200	Same Less Same More Less	Less More Less Same More	Less More Less Same More
CTW	Clear	165	CVJ*	200	Same	More	More
CVJ	Clear	200	CTW	165	Same	Less	Less
CVX/CVS	Blue Top	200	CXK*	300	Less	More	More
CWA	Blue Top	750	CYS* CZA	1200 500	Less Same	More Less	More Less
CWD	Blue Top	300	CAL	300	Same	Same	Same
CWR	Clear	200	No Substitution				
CWW	Clear	250	CVX/CVS CXK*	200 300	Same Less	Less More	Less More
CWY	Clear	300	No Substitution				
CWZ	Clear	1500	BVN BVV	2000 1000	Same Same	Same Same	More Less
CXD	Blue Top	300	CVJ	200	More	Less	Less
CXF	Clear	200	CTL	150	Same	Less	Less
CXG	Blue Top	150	No Substitution				
CXH	Blue Top	300	No Substitution				

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended or Substitution Replacement				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
CXK	Blue Top	300	CXY	300	Same	More	Same
CXL	Blue Top	50	No Substitution				
CXP	Blue Top	300	CAL CWD	300 300	Same Same	Less Less	Same Same
CXR	Clear	50	CXL	50	Same	Same	Same
CXY	Blue Top	300	CXK	300	Same	Less	Same
CXZ	Clear	1500	BWA	2000	Same	Same	More
CYA	Clear	300	DAS*	500	Same	More	Same
CYB	Blue Top	300	No Substitution				
CYC	Blue Top	300	CTM	200	Same	Less	Less
CYE	Blue Top	400	CYM/CYF	300	More	Less	Less
CYF	Blue Top	300	CYC	300	Less	More	Same
CYG	Blue Top	300	DAG*	500	Same	More	More
CYK	Blue Top	400	DAK*	500	More	Less	Less
CYM/CYF	Blue Top	300	CYC	300	Less	More	Same
CYN	Blue Top	150	No Substitution				
CYR	Opaque	300	DAR	500	Same	Same	More
CYS	Blue Top	1200	BRN† CTT/CTS	1200 1000	More More	Same Less	Same Less
CYV	Clear	1000	CXZ	1500	Same	Same	More
CYW	Clear	2000	CYX CXZ	2000 1500	More Same	Less Same	Same Less
CYX	Clear	2000	CYW CXZ	2000 1500	Less Same	More Same	Same Less
CZA/CZB	Blue Top	500	BCL† BCK†	300 500	More More	Less Same	Less Same
CZC	Blue Top	400	CZF*	500	Same	More	More
CZF	Blue Top	500	CZX	500	Same	Same	Same
CZG	Blue Top	500	No Substitution				
CZJ	Blue Top	400	DAR*	500	Same	More	More
CZS	Blue Top	500	CXD	300	Same	Less	Less
CZX/DAB	Blue Top	500	CXK	300	Same	Less	Less
DAC	Blue Top	150	No Substitution				
DAF	Blue Top	300	No Substitution				
DAG	Blue Top	500	DES*	750	Same	More	More
DAH	Blue Top	500	DEK	500	Less	Less	Same
DAK	Blue Top	500	DAY EGH	500 500	More More	Same Same	Same Same
DAN (Movie Light R-20)	Frosted	200	No Substitution				
DAR	Blue Top	500	No Substitution				
DAS	Clear	500	DEC*	750	Same	More	More
DAT	Blue Top	400	DAK BCL	500 300	Same Same	Same Same	More Less
DAX	Blue Top	1000	CTT/CTS CWA DBM	1000 750 1000	More More Less	Less Less Same	Same Less Same
DAY	Blue Top	500	DAK CWD	500 300	Less Less	Same Less	Same Less
DBH	Blue Top	1200	CYS	1200	Same	Same	Same
DBJ	Blue Top	500	DFR	500	Same	Same	Same
DBK	Clear	250	No Substitution				
DBM	Blue Top	1000	CTT/CTS	1000	Same	Same	Same
DBR	Clear	300	No Substitution				
DBS	Blue Top	500	CZG	500	Same	More	Same
DBT	Blue Top	500	No Substitution				
DCA	Blue Top	150	DEF	150	Same	Same	Less
DCB	Clear	300	BCL	300	Same	Same	Same

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
DCC	Clear	500	CZX	500	Same	Same	Same
DCE	Blue Top	300	No Substitution				
DCF	Blue Top	150	DCR	150	Same	Same	Same
DCH/DFP	Clear	150	DCL DJA	150 150	Same Same	Same More	Less Same
DCL	Clear	150	DCH	150	Same	Same	More
DCN	Clear	400	No Substitution				
DCR	Clear	150	DCF	150	Same	Same	Same
DCS	Blue Top	500	DES*	750	Same	More	More
DCW	Blue Top	150	No Substitution				
DCX	Blue Top	750	CZS	500	Same	Less	Less
DDA	Blue Top	150	DCW	150	Less	Less	Same
DDB/DDW	Blue Top	750	DDY CZX	750 500	Less Same	More Less	Same Less
DDY	Blue Top	750	DGH DDB DDW	750 750 750	More More More	Less Less Less	Less Less Less
DEA	Blue Top	300	DCW	150	Same	Less	Same
DEC	Clear	750	DGS* DAS	1000 500	Less Same	More Less	More Less
DEF	Blue Top	150	DCA	150	Same	Same	More
DEJ	Blue Top	750	DFK* DFY* DAG	1000 1000 500	Less Same Same	More More Less	More More Less
DEK/DFW	Blue Top	500	CBA† DAH CBF/DEL†	500 500 500	More More Less	Same Less More	Same Same Same
DEL	Blue Top	500	CBF DEK EBA	500 500 10,000	Same More Same	Same Less Same	Same Same Same
DEP	Blue Top	750	DAY DGR CWA	500 750 750	Same	Same	Same
DER	Blue Top	500	DAH DEK	500 500	More Less	Less More	Less More
DES	Clear	750	DCS	500	Same	Less	Less
DET	Blue Top	750	No Substitution				
DEX	Blue Top	1000	DCX	750	Less	Less	Less
DFA	Blue Top	150	DFG	150	Same	Same	Same
DFD	Blue Top	1000	DFT DDW	1000 750	More Less	Less Less	Same Less
DFE	Blue Top	80	DGB	80	Same	More	Less
DFF	Blue Top	150	Car	150	Same	More	Same
DFG	Blue Top	150	DFA	150	Same	Same	Same
DFH	Blue Top	500	No Substitution				
DFJ	Clear	500	DGH*	750	Same	More	More
DFK	Blue Top	1000	DFY	1000	More	Less	Same
DFN/DFC	Clear	150	DJA	150	Same	Same	Same
DFR	Blue Top	500	No Substitution				
DFT	Blue Top	1000	DFD	1000	Less	More	Same
DFX	Blue Top	500	DBN	500			
DFY	Blue Top	1000	DEJ DFK	750 1000	Same Less	Less More	Less Same
DFZ	Blue Top	80	No Substitution				
DGA	Blue Top	300	CRA	300	Same	Same	Same
DGB	Blue Top	80	DFE	80	Same	Less	More
DGE	Blue Top	500	No Substitution				
DGF	Blue Top	500	DFW DGA	500 300	Same Same	More Less	Same Less

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended or Substitution Replacement				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
DGH	Blue Top	750	DDY	750	Less	More	More
DGL	Blue Top	1000	DGS	1000	Less	More	Same
DGR	Clear	750	DEP DAY	750 500	Same More	Same Less	Same Less
DGS	Clear	1000	DGL	1000	More	Less	Same
DGX	Clear	1000	No Substitution				
DHB	Clear	1000	DES	750	Same	Less	Less
DHF	Opaque	500	DEK DAH	500 500	Less More	More Less	Same Same
DHH	Blue Top	400	DHF	500	More	Less	More
DHJ	Blue Top	500	No Substitution				
DHN	Blue Top	500	DEK	500	Same	Same	Same
DHS	Clear	1200	DGS	1000	More	Less	Less
DHT	Blue Top	1200	DFD DFT	1000 1000	Same More	Less Less	Less Less
DHW	Blue Top	1200	No Substitution				
DHX	Clear	150	DLJ	150	Same	Same	Same
DHY	Blue Top	500	No Substitution				
DJA/DFP	Clear	150	DFC DCL	150 150	Same Same	Less More	Same Less
DJH	Blue Top	500	DHN	500	Same	Same	Same
DJL	Clear	150	DFG	150	Same	Less	Same
DJP	Blue Top	250	No Substitution				
DJR	Blue Top	100	No Substitution				
DKF	Opaque	750	DMS	500	Same	Same	Less
DKK	Blue Top	750	No Substitution				
DKM	Blue Top	250	DLR	250	Less	More	More
DKN	Blue Top	35	No Substitution				
DKP	Blue Top	250	DKM	250			
DKR	Clear	150	DLS DEF	150 150	Same Same	Less Less	Same Less
DKY	Clear	250	No Substitution				
DLC	Clear	250	No Substitution				
DLD	Clear	80	No Substitution				
DLE	Clear	80	No Substitution				
DLG	Clear	150	DCA DEF	150 150	Same Same	Same More	Same Less
DLH	Blue Top	250	DJL	150	Same	Less	Less
DLN	Blue Top	750	DEK	500	Same	Less	Less
DLR	Blue Top	250	DKM	250	More	Less	Less
DLS/DHX	Clear	150	DEF DKR	150 150	Same	Same	Same
DLT	Clear	500	No Substitution				
DLY	Clear	500	No Substitution				
DMB	Clear	500	No Substitution				
DMG	Clear	890	No Substitution				
DMH	Clear	250	No Substitution				
DMK	Clear	500	DML	400	Same	Same	Less
DML	Clear	400	DMK	500	Same	Same	More
DMS	Clear	500	No Substitution				
DMX	Clear	500	No Substitution				
DMZ	Clear	5000	DPV	5000	More	Less	Same
DNC	Clear	500	No Substitution				
DNE†	Clear	150	No Substitution				
DNF†	Clear	150	ELV	150	More	Less	Same
DNK	Clear	500	No Substitution				

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended or Substitution Replacement				
ANSI Code	**Lamp End**	**Watts or Amperes**	**ANSI Code**	**Watts or Amperes**	**Life**	**Light**	**Heat**
DNR	Clear	500	DMX	500	More	More	Same
DPB	Clear	750	DMS	500	More	Less	Less
DPJ	Clear	750	DRS* DMX DNR	1000 500 500	Same More Same	More Less Less	More Less Less
DPT	Clear	1000	DRW	1000	Same	Less	Same
DPW	Clear	1000	DSB	1000	Same	More	Same
DPY (Studio)	Clear	5000	DMZ	5000	Less	More	Same
DRC/DRB	Clear	1000	DRS	1000	Same	Same	Same
DRG	Clear	1000	DPB	750	Same	Less	Less
DRL	Clear	300	CXK BTL	300 500	Less Same	More Same	Same More
DRS	Clear	1000	DRB/DRC	1000	Same	Same	Same
DRW	Clear	1000	DPT	1000	Same	More	Same
DSB	Clear	1000	DPW	1000	Same	Less	Same
DSD	Frosted	1000	DSF	1500	Same	Same	More
DSF	Frosted	1500	DSD	1000	Same	Same	Less
DSR	Coated	1000	DMS	500	Same	Same	Less
DSW	Clear	200	No Substitution				
DTC	Clear	1500	DRW	1000	Same	Less	Less
DTJ	Clear	1500	DSR	1000	Same	Less	Less
DTS	Clear	1500	No Substitution				
DTW	Clear	500	No Substitution				
DTY (Studio)	Clear	10,000	DTZ	10,000	Less	More	Same
DTZ (Studio)	Clear	10,000	DTY	10,000	More	Less	Same
DVV	Clear	1500	FEY EHS DWS	2000 1000 1000	Same Same Same	Same Same Same	More Less Same
DVY†	Clear	650	DYH†	600	More	Less	Less
DWB	Clear	500	DWS DBT	1000 500	Same Same	Same Same	Same Same
DWC (Superflood R-40)	Frosted	150	No Substitution				
DWD (Movie Light R-40)	Frosted	300	No Substitution				
DWF	Clear	500	DBT	500	Same	Same	Same
DWK	Clear	1000	DKK	750	Same	Same	Less
DWP	Clear	500	No Substitution				
DWS	Clear	1000	DWT DVV EHS	1000 1500 1000	More Same Same	Less Same Same	Same More Same
DWT	Clear	1000	DWS DVV EHS	1000 1500 1000	Less Same Same	More Same Same	Same More Same
DWW†	Clear	460	FAL†	420	More	Less	Less
DWY†	Clear	650	FAD†	650	More	Less	Less
DWZ	Clear	375	FDA EHR EHP	400 400 300	Less Same Same	More Same Same	Same More Less
DXC (Movie PH/RFL-2)	Frosted	500	No Substitution				
DXH (Movie PR-32)	Frosted	375	No Substitution				
DXM (Sun gun 30V)	Clear	250	No Substitution				
DXN	Clear	1000	DXW FCB BRH	1000 750 1000	More Same Same	Less Same Same	Same Less Same
DXR (Superflood No. 4)	Frosted	1000	No Substitution				
DXT (Superflood No. B4)	Frosted	1000	No Substitution				
DXV	Clear	800	DXX	800	More	Less	Same
DXW (Sun gun)	Clear	1000	DXN FCB BRH	1000 750 1800	Less Same Same	More Same Same	Same Less Same

*May be used if wattage does not exceed projector limitations.

†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
DXX (Sun gun)	Clear	800	DXV	800	Less	More	Same
DYA (Studio)	Clear	1000	No Substitution				
DYF	Clear	140	No Substitution				
DYH†	Clear	600	DVY†	650	Less	More	More
DYN	Frosted	1000	No Substitution				
DYP†	Clear	600	No Substitution				
DYR	Clear	600	No Substitution				
DYS†	Clear	600	DYV†	600	Same	Same	Same
DYT	Clear	80	ELA	65	Same	Same	Less
DYV†	Clear	600	DYS†	600	Same	Same	Same
DYY/EGH	Clear	500	No Substitution				
DZB	Clear	100	No Substitution				
DZC	Clear	200	BSC	750	Same	Same	Less
DZD	Clear	1000	No Substitution				
DZE	Clear	150	FDS	150	Less	More	Same
DZG	Clear	500	EGH BRP BCK	500 750 500	Less Same Same	More Same Same	Same More Same
DZH	Clear	250	ELC EJL	250 200	Same Same	Same Same	Same Less
DZM	Clear	250	FDS	150	Same	Same	Less
DZN	Clear	150	No Substitution				
DZP	Clear	50	No Substitution				
DZT	Clear	625	No Substitution				
DZV	Clear	625	No Substitution				
EAL (Movie Light R-40)	Frosted	500	No Substitution				
EBR (Movie Light R-30)	Frosted	375	No Substitution				
EBV (Superflood No. 2)	Frosted	500	No Substitution				
EBW (Superflood No. B2)	Frosted	500	No Substitution				
ECT (Superflood)	Frosted	500	No Substitution				
ECY (Studioflood)	Clear	1500	No Substitution				
EDB	Clear	500	DMX	500	More	Same	Same
EDK	Blue Top	500	No Substitution				
EET	Clear	35	No Substitution				
EEV	Clear	150	No Substitution				
EEX	Clear	300	CYK	400	More	Same	Same
EFX	Clear	500	BSD	750	Same	Same	More
EFY	Frosted	1500	DSF DSD	1500 1000	Same Same	Same Same	Same Less
EGC/EGD	Clear	500	EGF EGE	750 500	Same Same	Same Same	More Same
EGE	Clear	500	EGD EGF EGC	500 750 500	Less Same Same	More Same Same	Same More Same
EGF	Clear	750	EGG EGK	750 1000	More Same	Less Same	Same More
EGG	Clear	750	EGF EGK	750 1000	Less Same	More Same	Same More
EGH†	Clear	500	DAK	500	Less	Same	Same
EGJ	Clear	1000	EGK EGF EGG	1000 750 750	Less Same Same	More Same Same	Same Less Same
EGK	Frosted	1800	EGJ EGF	1000 750	More Same	Less Same	Same Less
EGN	Clear	500	EGP EGR	500 750	Less Same	More Same	Same More
EGP	Clear	500	EGN EGR	500 750	More Same	Less Same	Same More

*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
EGR	Clear	750	EGS EGT EGN	750 1000 500	Less Same Same	More Same Same	Same More Less
EGS	Clear	750	EGR EGV EGP	750 1000 500	More Same Same	Less Same Same	Same More Less
EGT	Clear	1800	EGV EGS	1000 750	Less Same	More Same	Same Less
EGV	Clear	1000	EGT EGR	1000 750	More Same	Less Same	Same Same
EGX	Clear	500	CBA	500	Less	More	Same
EGZ	Clear	500	EHA	500	Less	More	Same
EHA†	Clear	500	No Substitution				
EHB	Clear	500	EHC EHD EHF	500 500 750	Less More Same	More Less Same	Same Same More
EHC/EHB	Clear	500	EHF	750	Same	Same	More
EHD	Clear	500	EHB EHF	500 750	Less Same	More Same	Same More
EHF	Clear	750	BHG FEL EHC/EHB	20 1000 500	More Same Same	Less Same Same	Same More Less
EHG	Clear	750	EHF FEL	750 1000	Less Same	More Same	Same More
EHM	Clear	300	EHZ EHN FCL	300 300 500	Same Less Same	Same More Same	Same Same More
EHN	Clear	300	EHY EHM FCL	300 300 500	Same More Same	Same Less Same	Same Same More
EHP	Clear	300	EHX EHR	300 400	Same Same	Same Same	Same More
EHR	Clear	400	FDA DWZ EHP	400 375 300	Less More Same	More Less Same	More Same Less
EHS	Clear	1000	DWS DWT FEY	375 1000 2000	Less More Same	More Less Same	Same Same More
EHT	Clear	250	EHX EHV	300 325	Less Same	More Same	Same More
EHV	Clear	325	EJX EHR	250 400	Same Same	Same Same	Same Less
EHX	Frosted	300	EHP EHR	300 400	Same Same	Same Same	Same Less
EHY	Frosted	300	EHN EHZ FDN	300 300 500	Same More Same	Same Less Same	Same Less Less
EHZ	Frosted	300	EHM EHY FDN	300 300 500	Same Less Same	Same Same Same	Same Same Less
EJA	Clear	150	EJL EJM	200 150	Same Same	Same Same	More Less
EJG	Clear	750	FHM EHN	1000 300	Same Same	Same Same	More Less
EJL†	Clear	200	EJA†	150	More	Less	Less
EJM	Clear	150	EJJ	65	Less	More	Same
EJN	Clear	150	No Substitution				
EJS	Clear	150	EJM	150	More	Less	Same
EJV†	Clear	150	ENB†	150	More	Less	Same
EJX	Clear	250	EAT EHV	250 325	More Same	Less Same	Same More
EJY	Clear	80	No Substitution				
EJZ	Clear	80	No Substitution				

NOTE: Any ANSI Codes not listed above do not have substitutes.
*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
EKB	Clear	420	No Substitution				
EKC	Clear	300	EKD	650	Same	Same	Less
EKD	Clear	650	No Substitution				
EKE	Clear	150	ENB	150	More	Less	Same
EKG	Clear	80	ENC	80	More	Less	Same
EKK†	Clear	250	FBD*†	500	Less	More	More
EKN	Clear	120	EJM	150	More	Less	Same
EKP/ENA	Clear	80	No Substitution				
EKS†	Clear	250	No Substitution				
EKT†	Clear	150	No Substitution				
EKV	Clear	1200	FCM	1000	More	Less	Same
EKY	Clear	30	EJL ELC	200 250	Same Same	Same Same	Same More
EKZ	Clear	30	No Substitution				
ELA	Clear	65	DYT	80	Same	Same	More
ELB	Clear	80	No Substitution				
ELC	Clear	250	DZH EJL	250 200	Same Same	Same Same	Same Less
ELE†	Clear	80	No Substitution				
ELH	Clear	300	ENG ENH	300 300	Less More	More Less	Same Same
ELR	Clear	65	ELS	50	More	Less	Same
ELS	Clear	50	ELR	65	Less	More	Same
ELT	Clear	80	No Substitution				
ELV	Clear	150	ELZ	150	Less	More	Same
ELZ	Clear	150	DNF ELV	150 150	Less More	More Less	Same Same
EMB	Clear	150	EJV	150	More	Less	Same
EMG	Clear	500	No Substitution				
EMH	Clear	75	No Substitution				
EMM/EKS	Clear	250	No Substitution				
ENB†	Clear	150	EJV†	150	Less	More	Same
ENC	Clear	80	EKG		Less	More	Same
ENE	Clear	200	EJL	200	Less	More	Same
ENG	Clear	300	ELH	300	More	Less	Same
ENH	Clear	300	ELH	300	Less	More	Same
ENV	Clear	80	EPG	80	More	Less	Same
ENZ	Clear	50	ELB	80	Less	More	More
EPC	Clear	80	ELE	80	Less	More	Same
EPF	Clear	80	ELE	80	Less	More	Same
EPG	Clear	80	ENV	80	Less	More	Same
FAB	Clear	650	DWY	650	More	Less	Same
FAD†	Clear	650	DWY†	650	Less	More	Same
FAE (Movie Light R-40)	Frosted	550	No Substitution				
FAL†	Clear	400	DWW†	460	Less	More	More
FAV	Clear	100	No Substitution				
FBD/FBG	Clear	500	No Substitution				
FBG	Clear	500	FBD/FBG EKK	500 250	Same More	Same Less	Same Same
FBT	Clear	150	FBV	250	Same	Same	More
FBV	Clear	250	FBW	350	Same	Same	More
FBW	Clear	350	FBV	250	Same	Same	Less
FBX	Frosted	650	FAD DWY	650 650	Same Less	Same More	Same Same
FBY	Frosted	1000	No Substitution				

NOTE: Any ANSI Codes not listed above do not have substitutes.
*May be used if wattage does not exceed projector limitations.
†Tungsten-halogen lamp.

SYLVANIA projector lamp substitution guide

Original Lamp Requested			Recommended Replacement or Substitution				
ANSI Code	Lamp End	Watts or Amperes	ANSI Code	Watts or Amperes	Life	Light	Heat
FBZ	Frosted	1000	DXN BRH	1000 1000	Same More	Same Less	Same Same
FCA	Frosted	625	DWY FAB FBX	650 650 650	Same Less More	Same More Less	Same Same Same
FCB†	Clear	600	BRH*†	1000	Same	More	More
FCE	Clear	150	FGF	150	Less	More	Same
FCH	Clear	650	No Substitution				
FCL	Clear	500	FCZ FDF EJG	500 500 750	Same Less Same	Same More Same	Same Same More
FCM	Clear	1000	FHM	1000	Same	Same	Same
FCN	Clear	800	No Substitution				
FCP	Frosted	375	No Substitution				
FCR†	Clear	100	FDX†	100	Same	Same	Same
FCS†	Clear	150	FDV† FDW†	150 150	More Same	Less Same	Less Same
FCV	Frosted	1000	FEL EHF	1000 750	Same Same	Same Same	Same Less
FCZ	Frosted	500	FCL EJG EHN	500 750 300	Same Same Same	Same Same Same	Same More Less
FDA	Clear	400	EHR DWZ	400 375	More Same	Less Same	Same Less
FDB	Clear	1500	No Substitution				
FDF	Clear	500	FDN FCL	500 500	Same More	Same Less	Same Same
FDN	Frosted	500	FDF FCZ	500 500	Same More	Same Less	Same Same
FDS	Clear	150	DZE	150	More	Less	Same
FDT	Clear	100	No Substitution				
FDV†	Clear	150	FCS†	150	Less	More	More
FDW†	Clear	150	FCS†	150	Same	Same	Same
FDX†	Clear	100	FCR†	100	Same	Same	Same
FEA	Clear	600	FCN	800	Same	Same	More
FEB	Clear	600	FCN	800	Same	Same	More
FEL (Studioflood)	Clear	1000	No Substitution				
FEM†	Clear	400	No Substitution				
FEP	Clear	1000	No Substitution				
FER	Clear	1000	No Substitution				
FEV	Clear	200	No Substitution				
FEX	Clear	2000	No Substitution				
FEY†	Clear	2000	No Substitution				
FFJ†	Clear	600	DWW† FAL†	460 420	Less Less	Less Less	Less Less
FFN (PAR 64 NSP)	Clear	1000	No Substitution				
FFP (PAR 64 NSP)	Clear	1000	No Substitution				
FFR (PAR 64 MFL)	Clear	1000	No Substitution				
FFS (PAR 64 WFL)	Clear	1000	No Substitution				
FFT	Clear	1000	FFW	2000	Same	Same	More
FFW	Clear	2000	FFT	1000	Same	Same	Less
FFX	Clear	500	No Substitution				
FFZ	Clear	300	No Substitution				
FGB	Clear	750	DXW FCB	1000 600	Same Same	Same Same	More Less
FGD	Clear	500	FCB	600	Same	Same	More
FGF	Clear	150	FCE	150	More	Less	Same
FHM	Frosted	1000	FCM EJG	1000 750	Same Same	Same Same	Same Less

SYLVANIA projector lamp substitution guide

FOREIGN LAMP TYPE REQUESTED (standard voltage)	SUBSTITUTE THIS PROJECTOR LAMP (standard voltage)	FOREIGN LAMP TYPE REQUESTED (standard voltage)	SUBSTITUTE THIS PROJECTOR LAMP (standard voltage)	FOREIGN LAMP TYPE REQUESTED (standard voltage)	SUBSTITUTE THIS PROJECTOR LAMP (standard voltage)
6131C	CXK	603022	DXX	A1/91	DFK
6152C	CZX	603043	DXX	A1/121	CDJ
6152H	DAR	605012	FCR†	A1/160	DAG
6152X	DAG	605024	FCS†	A1/167	CEW
6153C	DDB	605030	FAL	A1/184	DCA
6153H	DEJ	605031	FCB	A1/186	BXT
6158H	CDS	605032	FBG/FBD	A1/205	CZG
6158N	CDS	605170	BEH	A1/206	CWA
6166N	CGW	605173	DGA	A1/207	CTS
6185C	DRS	605181	DAK	A1/208	CYS
6280C	CWD	605242	CXR/CXL	A1/210	DLG
6281C	DGA	605246	DFN	A1/211	DEF
6282C	DAK	605251	DCA	A1/212	CYN
6283C	DGF	605252	DLG	A1/215	FCR†
6284C	BEH	605261	DEF	A1/216	FCS†
6289C	CYN	605262	DLS	A1/221	DLS
6428	EFR	605263	DKR	A1/222	DFC
6834	EFP	605264	DLR	57.7580A	DMS
6847	EFM	605265	DKM	57.7580E	DMX
6853	EFN	605302	BXT	57.7880D	DPT
7023	FCR†	605308	CYN	58.8007	CXL
7066N	CYC	605314	DBT	58.8105	BXT
7158	FCS†	605315	CZX	58.8175	CDS
7212N	CLS	A1/2	CAS	58.8224	CYN
7238N	BXT	A1/4	CVS	58.8275	BEH
7242C	DFT	A1/5	DLC	58.8280E	CVS
7242H	DFY	A1/6	CXK	58.8287	CEW
7243H	DES	A1/7	CZX	58.8371	CGW
8003	BRD	A1/8	DMX	58.8480E	DLC
8004	BRS	A1/9	DDB	58.8575	CLS
8005	BRK	A1/13	CVS	58.8576/1	CYC
8280C	CWD	A1/19	CAX	58.8577	CWD
13116C	CXR/CXL	A1/21	CDS	58.8581E	CXK
13120C	CXR/CXL	A1/24	DFN	58.8780E	CZC
13140C	CVS	A1/25	CCM	58.8877	DAK
13141N	CEW	A1/26	CGW	58.8880E	CZX
64607	EFM	A1/37	CLS	58.8880/1C	DAR
64615	EFN	A1/39	CZC	58.8890E	DBT
64625	FCR†	A1/42	DMS	58.8980E	DDB
64627	EFP	A1/47	DAR	58.8980/1C	DEJ
64634	EFR	A1/53	DEJ	58.8985E	DFD
64640	FCS†	A1/57	DPT	58.8985/1C	DFK
603011	DWY	A1/58	DRS	58.8987E	DRB
603016	FAD	A1/59	DFD		

†Tungsten-halogen lamp.

SYLVANIA sales and service directory

PHOTOLAMP MARKETING HEADQUARTERS • 100 ENDICOTT STREET, DANVERS, MASS. • PHONE (617) 777-1900

LOCATION	DISTRICT SALES OFFICES to obtain sales and technical information	DISTRIBUTION CENTERS to order lamps and to obtain shipping information—warehouse stocks maintained in these cities
ATLANTA, GA.	2115 Sylvan Rd., S.W. 30344 404-762-1781	2115 Sylvan Rd., S.W. 30344 404-762-1781
BOSTON, MASS. (Danvers, Mass.)	100 Endicott Street, Danvers, Mass. 01923 617-777-1900	105 Andover Street, Danvers, Mass. 01923 617-777-1900
BUFFALO, N.Y.	25 Dewberry Lane Gardenville Industrial Park 14224 716-668-6131	25 Dewberry Lane Gardenville Industrial Park 14224 716-668-6118
CHARLOTTE, N.C.	2115 Sylvan Rd., S.W., Atlanta, Ga. 30344 404-762-1781	3811 North Davidson St., P.O. Box 5246, 28225 704-334-4671
CHICAGO, ILL. (Elk Grove)	800 Devon Ave. Elk Grove Village, Ill. 60007 312-593-3400	800 Devon Ave. Elk Grove Village, Ill. 60007 312-593-3400
CINCINNATI, OHIO	5480 Creek Road 45242 513-793-6440	5480 Creek Road 45242 513-793-6440
CLEVELAND, OHIO	4848 West 130th Street 44135 216-267-6800	4848 West 130th Street 44135 216-267-6800
DALLAS, TEXAS	13555 Inwood Road 75230 214-239-8171	13555 Inwood Road, P.O. Box 30234, 75230 214-239-8171
DENVER, COLORADO	4675 Holly Street 80216 303-399-1760	4675 Holly Street 80216 303-399-1760
DETROIT, MICHIGAN (Dearborn)	10800 Ford Road, Dearborn, Mich. 48126 313-582-8754	10800 Ford Road, Dearborn, Mich. 48126 313-582-8754
HOUSTON, TEXAS	1440 Greengrass Dr. 77008 713-869-8671	1440 Greengrass Dr. 77008 713-869-8671
KANSAS CITY, KANSAS	450 Funston Road 66115 913-371-3773	450 Funston Road 66115 913-371-3773
LOS ANGELES, CALIF.	6505 East Gayhart Street 90051 213-726-1666	6505 East Gayhart Street 90051 213-726-1666
MINNEAPOLIS, MINN.	2211 E. Hennepin Avenue 55413 612-331-9363	2211 E. Hennepin Avenue 55413 612-331-9363
NEW ORLEANS, LOUISIANA	5510 Jefferson Highway 70123 504-733-6970	5510 Jefferson Highway 70123 504-733-6970
NEW YORK CITY, NEW YORK (Teterboro, N.J.)	1000 Huyler Street, Teterboro, N.J. 07608 201-288-9484	1000 Huyler Street, Teterboro, N.J. 07608 201-288-9484
ORLANDO, FLORIDA	7492 Chancellor Drive, Box 13770, 32809 305-859-6220	7492 Chancellor Drive, P.O. Box 13770, 32809 305-859-6220
PHILADELPHIA, PENN.	4700 Parkside Avenue 19131 215-477-5000	4700 Parkside Avenue 19131 215-477-5000
PITTSBURGH, PENN.	1910 Cochran Road 15220 412-531-4454	450 Butler St., P.O. Box 9544, 15223 412-781-4533
ST. LOUIS, MISSOURI	5010 Kemper Avenue 63139 314-664-8974	5010 Kemper Avenue 63139 314-664-8974
SAN FRANCISCO, CALIF. (Burlingame)	1811 Adrian Road, Burlingame, Calif. 94010 415-697-3500	1811 Adrian Road, Burlingame, Calif. 94010 415-697-3500
SEATTLE, WASHINGTON	750 So. Michigan Street 98108 206-763-2660	750 So. Michigan Street 98108 206-763-2660
WASHINGTON, D.C. (Springfield, Va.)	6610 Electronic Drive, Springfield, Va. 22151 703-354-3100	6610 Electronic Drive, Springfield, Va. 22151 703-354-3100

The specifications contained in this catalog represent the most recent listing at the time of publication, however, Sylvania reserves the right to change such specifications without notice.

GTE SYLVANIA

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